

V. Balasubramanian

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NEWS 2 Dec 17 Expanded CAPlus Coverage of US, Japanese, WIPO,
EPO, and German patents
NEWS 3 Feb 1 Addition of Machine-Translated Abstracts to CAPlus
NEWS 4 Feb 28 Patent Information Now Searchable in CAOLD
NEWS 5 Mar 20 INPADOC: PRODUCER WARNING ABOUT DATA DELAYS
NEWS 6 Mar 22 NEW FEATURES IN INPADOC - RANGE SEARCHING AND NEW
SDI/UPDATE SEARCH FIELD
NEWS 7 May 1 Beilstein Abstracts on STN - FILE BABS
NEWS 8 May 1 RN CROSSOVER AND ANSWER SIZE LIMITS INCREASED
NEWS 9 May 1 AIDSLINE has been reloaded
NEWS 10 May 1 Searching Y2-K compliant Patent Numbers
NEWS 11 May 9 Sequence Similarity Batch Search in DGENE
NEWS 12 May 19 Weekly Statistics for New Entries now available
in INPADOC
NEWS 13 May 22 CITED REFERENCES NOW AVAILABLE IN CAPLUS AND CA FILE
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FILE 'HOME' ENTERED AT 10:05:13 ON 19 JUN 2000

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.15	0.15

FILE 'REGISTRY' ENTERED AT 10:05:21 ON 19 JUN 2000

09/732,669

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DICTIONARY FILE UPDATES: 18 JUN 2000 HIGHEST RN 271241-18-0

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 11, 2000

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Structure search limits have been increased. See HELP SLIMIT
for details.

=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>
Uploading c:\stnexp4\queries\09335121.str

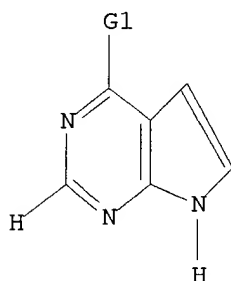
L1 STRUCTURE UPLOADED

=> que L1

L2 QUE L1

=> d l1

L1 HAS NO ANSWERS
L1 STR



G1 O,S,N

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 10:05:56 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 491 TO ITERATE

100.0% PROCESSED 491 ITERATIONS
SEARCH TIME: 00.00.01

34 ANSWERS

09/732,669

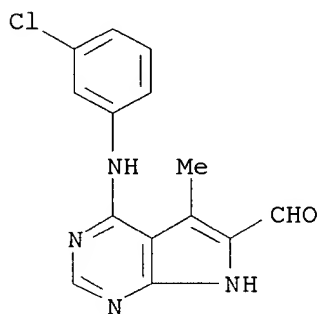
V. Balasubramanian

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 8491 TO 11149
PROJECTED ANSWERS: 331 TO 1029

L3 34 SEA SSS SAM L1

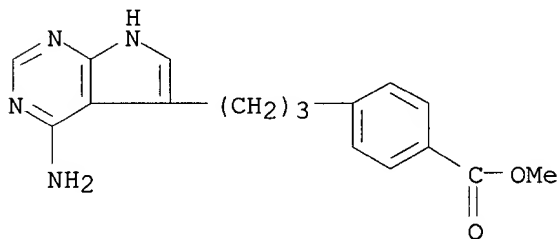
=> d scan

L3 34 ANSWERS REGISTRY COPYRIGHT 2000 ACS
IN 1H-Pyrrolo[2,3-d]pyrimidine-6-carboxaldehyde, 4-[(3-chlorophenyl)amino]-5-methyl- (9CI)
MF C14 H11 Cl N4 O



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):2

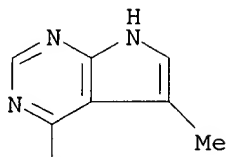
L3 34 ANSWERS REGISTRY COPYRIGHT 2000 ACS
IN Benzoic acid, 4-[3-(4-amino-1H-pyrrolo[2,3-d]pyrimidin-5-yl)propyl]-, methyl ester (9CI)
MF C17 H18 N4 O2



L3 34 ANSWERS REGISTRY COPYRIGHT 2000 ACS
IN Pyrrolo[2,3d]pyrimidine, 4-[[3-(dimethylamino)propyl]amino]-5-methyl- (8CI)
MF C12 H19 N5

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Me₂N-(CH₂)₃-NH

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):end

=> s l1 sss ful

FULL SEARCH INITIATED 10:06:45 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 9926 TO ITERATE

100.0% PROCESSED 9926 ITERATIONS 652 ANSWERS
SEARCH TIME: 00.00.01

L4 652 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	126.90	127.05

FILE 'CAPLUS' ENTERED AT 10:07:20 ON 19 JUN 2000
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FILE COVERS 1967 - 19 Jun 2000 VOL 132 ISS 26
FILE LAST UPDATED: 18 Jun 2000 (20000618/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

This file supports REGISTRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

Now you can extend your author, patent assignee, patent information, and title searches back to 1907. The records from 1907-1966 now have this searchable data in CAOLD. You now have electronic access to all of CA: 1907 to 1966 in CAOLD and 1967 to the present in CAPLUS on STN.

=> s l4

L5 175 L4

09/732,669

=> d 15 1-175 bib

L5 ANSWER 1 OF 175 CAPLUS COPYRIGHT 2000 ACS
 AN 2000:241135 CAPLUS
 DN 132:279106
 TI Non-peptide GnRH agents, methods and intermediates for their preparation
 IN Anderson, Mark Brian; Vazir, Haresh N.; Luthin, David Robert; Paderes, Genevieve Deguzman; Pathak, Ved P.; Christie, Lance Christopher; Hong, Yufeng; Tompkins, Eileen Valenzuela; Li, Haitao; Faust, James
 PA Agouron Pharmaceuticals, Inc., USA; et al.
 SO PCT Int. Appl., 444 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000020358	A2	20000413	WO 1999-US18790	19990820
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			

PRAI US 1998-PV97520 19980820
 OS MARPAT 132:279106

L5 ANSWER 2 OF 175 CAPLUS COPYRIGHT 2000 ACS
 AN 2000:227825 CAPLUS
 DN 132:275138
 TI Nucleic acid analysis based on enzymic incorporation of modified nucleotides and chemical cleavage
 IN Stanton, Vincent P., Jr.; Wolfe, Jia Liu; Kawate, Tomohiko; Verdine, Gregory
 PA Variagenics, Inc., USA
 SO PCT Int. Appl., 290 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000018967	A1	20000406	WO 1999-US22988	19990930
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			

PRAI US 1998-PV102724 19981001
 US 1999-PV149533 19990817

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US 1999-394387 19990910
US 1999-394457 19990910
US 1999-394467 19990910
US 1999-394774 19990910

OS MARPAT 132:275138

RE.CNT 4

RE

- (1) Lee; US 5187085 A 1993
- (2) Prober; US 5332666 A 1994
- (3) Prober; Science 1987, V238, P336 CAPLUS
- (4) Sanger; Proc Natl Acd Sci, USA 1977, V74(12), P5463 CAPLUS

L5 ANSWER 3 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 2000:210172 CAPLUS

DN 132:251160

TI Preparation of pyrrolopyrimidines as protein kinase inhibitors

IN Hirst, Gavin C.; Calderwood, David; Wishart, Neil; Ritter, Kurt; Arnold, Lee D.

PA Basf A.-G., Germany

SO PCT Int. Appl., 304 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000017203	A1	20000330	WO 1999-US21560	19990917
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			

PRAI US 1998-PV100832 19980918

US 1998-PV100833 19980918

US 1998-PV100834 19980918

US 1998-PV100946 19980918

OS MARPAT 132:251160

RE.CNT 12

RE

- (1) Abbott Laboratories; WO 9640686 A 1996
- (2) Bhagwat, S; US 5665721 A 1997 CAPLUS
- (3) Ciba-Geigy Ag; WO 9610028 A 1996
- (4) Dave, C; INDIAN J CHEM SECT B 1988, V27(1-12), P778
- (5) Gensia Inc; WO 9417803 A 1994

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 4 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 2000:210171 CAPLUS

DN 132:251159

TI Preparation of 4-aminopyrrolopyrimidines as protein kinase inhibitors

IN Calderwood, David; Arnold, Lee D.; Mazdiyasni, Hormoz; Hirst, Gavin; Deng, Bojuan B.

PA BASF Aktiengesellschaft, Germany

SO PCT Int. Appl., 242 pp.

09/732,669

V. Balasubramanian

CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000017202	A1	20000330	WO 1999-US21536	19990917
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			

PRAI US 1998-PV100954 19980918

OS MARPAT 132:251159

RE.CNT 6

RE

- (1) Ciba-Geigy; WO 9702266 A 1997
 - (2) Dave, C; INDIAN JOURNAL OF CHEMISTRY 1988, V27B, P778 CAPLUS
 - (3) Pharmacia And Up John; EP 0795556 A 1997
 - (4) Takeda Chemical Industries Ltd; EP 0402903 A 1990
 - (6) Traxler, P; JOURNAL OF MEDICINAL CHEMISTRY 1996, V39(12), P2285 CAPLUS
- ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 5 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 2000:15017 CAPLUS

DN 132:64267

TI Preparation of pyrrolo[2,3-d]pyrimidines as sPLA2 inhibitors

IN Hutchison, Darrell Robert; Martinelli, Michael John; Wilson, Thomas Michael

PA Eli Lilly and Company, USA

SO PCT Int. Appl., 112 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000000201	A1	20000106	WO 1999-US14213	19990623
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			

PRAI US 1998-PV91248 19980630

OS MARPAT 132:64267

RE.CNT 2

RE

- (1) Goodson; US 5916922 A 1999
- (2) Kim; US 3867386 A 1975 CAPLUS

V. Balasubramanian

L5 ANSWER 6 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1999:819707 CAPLUS

DN 132:136484

TI Microbial hydroxylation and simultaneous formation of the
4''-O-methylglucoside of the tyrosine-kinase inhibitor CGP 62706

AU Kittelmann, Matthias; Oberer, Lukas; Blum, Wolfgang; Ghisalba, Oreste

CS Research Department, Core Technology Area, Novartis Pharma A.-G., Basel,
CH-4002, Switz.

SO Chimia (1999), 53(12), 594-596

CODEN: CHIMAD; ISSN: 0009-4293

PB Neue Schweizerische Chemische Gesellschaft

DT Journal

LA English

RE.CNT 7

RE

(2) Dauphin, G; Agric Biol Chem 1989, V53, P1433 CAPLUS

(3) Kieslich, K; Chem Ber 1976, V109, P2259 CAPLUS

(5) Traxler, P; Exp Opin Ther Patents 1997, V7, P571 CAPLUS

(6) Traxler, P; J Med Chem 1996, V39, P2285 CAPLUS

(7) Vigne, B; Tetrahedron 1986, V42, P2451 CAPLUS

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 7 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1999:811245 CAPLUS

DN 132:49976

TI Preparation of pyrrolo[2,3-d]pyrimidines as inhibitors of protein tyrosine
kinases such as Janus Kinase 3

IN Blumenkopf, Todd Andrew; Flanagan, Mark Edward; Brown, Matthew Frank;
Changelian, Paul Steven

PA Pfizer Products Inc., USA

SO PCT Int. Appl., 46 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 9965909	A1	19991223	WO 1999-IB1110	19990614
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,				
	DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE,				
	KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW,				
	MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR,				
	TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK,				
	ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG,				
	CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	AU 9940545	A1	20000105	AU 1999-40545	19990614
PRAI	US 1998-PV89886		19980619		
	WO 1999-IB1110		19990614		
OS	MARPAT 132:49976				

RE.CNT 3

RE

(1) Novartis AG; WO 9727199 A 1997

(2) Pfizer Inc; WO 9640142 A 1996

(3) Pfizer Inc; WO 9823613 A 1998

L5 ANSWER 8 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1999:811244 CAPLUS

09/732,669

V. Balasubramanian

DN 132:49975
TI Preparation of pyrrolo[2,3-d]pyrimidines as immunosuppressive agents
IN Blumenkopf, Todd Andrew; Flanagan, Mark Edward; Brown, Matthew Frank;
Changelian, Paul Steven
PA Pfizer Products Inc., USA
SO PCT Int. Appl., 59 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 9965908	A1	19991223	WO 1999-IB1100	19990614
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	KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW,				
	MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR,				
	TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
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	ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG,				
	CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	AU 9939518	A1	20000105	AU 1999-39518	19990614
PRAI	US 1998-PV89866		19980619		
	US 1998-PV104787		19981019		
	WO 1999-IB1100		19990614		

OS MARPAT 132:49975

RE.CNT 6

RE

- (1) Ciba-Geigy AG; EP 0682027 A 1995
- (2) Ciba-Geigy AG; WO 9702266 A 1997
- (3) Novartis AG; WO 9807726 A 1998
- (4) Pfizer Inc; WO 9640142 A 1996
- (5) Pfizer Inc; WO 9823613 A 1998

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 9 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1999:794251 CAPLUS

DN 132:31735

TI Photoselection of nucleic acid ligands in SELEX (systematic evolution of ligands by exponential enrichment)

IN Gold, Larry; Willis, Michael; Koch, Tad; Ringquist, Steven; Jensen, Kirk; Atkinson, Brent

PA NeXstar Pharmaceuticals, Inc., USA

SO U.S., 68 pp.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	US 6001577	A	19991214	US 1998-93293	19980608

RE.CNT 26

RE

- (2) Anon; WO 8906694 1989 CAPLUS
- (3) Anon; WO 9119813 1991 CAPLUS
- (4) Anon; WO 9214843 1992 CAPLUS
- (5) Anon; WO 9305182 1993 CAPLUS
- (6) Anon; WO 9507364 1995 CAPLUS

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 10 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1999:783937 CAPLUS
DN 132:22973
TI Preparation of pyrrolo[2,3-d]pyrimidines as adenosine receptor antagonists
IN Castelhana, Arlindo L.; McKibben, Bryan; Witter, David J.
PA Cadus Pharmaceutical Corp., USA
SO PCT Int. Appl., 169 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9962518	A1	19991209	WO 1999-US12135	19990601
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	AU 9942265	A1	19991220	AU 1999-42265	19990601
PRAI	US 1998-PV87702		19980602		
	US 1999-PV123216		19990308		
	US 1999-PV126527		19990326		
	US 1998-87702		19980602		
	WO 1999-US12135		19990601		
OS	MARPAT 132:22973				
RE.CNT	20				
RE					
	(1) Chen Yuhpyng, L; WO 9413676 A 1994				
	(2) Ciba Geigy AG; EP 0682027 A 1995				
	(4) Hoechst India Ltd; IN 157280 A 1986 CAPLUS				
	(5) Iwamura, H; J Med Chem 1983, V26, P838 CAPLUS				
	(16) Venugopalan, B; J Heterocycl Chem 1988, P1633 CAPLUS				

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 11 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1999:777760 CAPLUS
DN 132:87758
TI Tyrosine Kinase Inhibitors. 16. 6,5,6-Tricyclic Benzothieno[3,2-d]pyrimidines and Pyrimido[5,4-b]- and -[4,5-b]indoles as Potent Inhibitors of the Epidermal Growth Factor Receptor Tyrosine Kinase
AU Showalter, H. D. Hollis; Bridges, Alexander J.; Zhou, Hairong; Sercel, Anthony D.; McMichael, Amy; Fry, David W.
CS Departments of Chemistry and Cancer Research, Parke-Davis Pharmaceutical Research Division of Warner-Lambert Company, Ann Arbor, MI, 48105, USA
SO J. Med. Chem. (1999), 42(26), 5464-5474
CODEN: JMCMAR; ISSN: 0022-2623
PB American Chemical Society
DT Journal
LA English
RE.CNT 39
RE

V. Balasubramanian

- (1) Athmani, S; Tetrahedron 1992, V48, P7689 CAPLUS
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- ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 12 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1999:371731 CAPLUS
DN 131:39372
TI A potent protein-tyrosine kinase inhibitor which selectively blocks proliferation of epidermal growth factor receptor-expressing tumor cells in vitro and in vivo. [Erratum to document cited in CA129:36168]
AU Lydon, Nicholas B.; Mett, Helmut; Mueller, Marcel; Becker, Michael; Cozens, Robert M.; Stover, David; Daniels, Daren; Traxler, Peter; Buchdunger, Elisabeth
CS Oncology Research, Novartis Pharma AG, Basel, Switz.
SO Int. J. Cancer (1999), 81(4), 669
CODEN: IJCNAW; ISSN: 0020-7136
PB Wiley-Liss, Inc.
DT Journal
LA English

L5 ANSWER 13 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1999:216736 CAPLUS
DN 130:282292
TI 7-Deaza-5'-noraristeromycin derivatives resembling L-toyocamycin and L-sangivamycin
AU Seley, Katherine L.; Schneller, Stewart W.
CS Department of Chemistry, Auburn University, Auburn, AL, 36849-5312, USA
SO J. Heterocycl. Chem. (1999), 36(1), 287-288
CODEN: JHTCAD; ISSN: 0022-152X
PB HeteroCorporation
DT Journal
LA English
RE.CNT 7
RE

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 - (4) Siddiqi, S; Nucleosides Nucleotides 1993, V12, P267 CAPLUS
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 - (7) Townsend, L; Farmaco 1991, V46, P113 CAPLUS
- ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 14 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1999:140315 CAPLUS
DN 130:237785
TI Total synthesis of the naturally occurring antibiotic toyocamycin using new and improved synthetic procedures
AU Porcari, Anthony R.; Townsend, Leroy B.
CS Department of Medicinal Chemistry, College of Pharmacy; Department of Chemistry, College of Literature, Science, and Arts, University of Michigan, Ann Arbor, MI, 48109-1065, USA
SO Nucleosides Nucleotides (1999), 18(2), 153-159
CODEN: NUNUD5; ISSN: 0732-8311
PB Marcel Dekker, Inc.
DT Journal
LA English

OS CASREACT 130:237785

RE.CNT 12

RE

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(8) Sharma, M; Nucleosides & Nucleotides 1993, V12, P643 CAPLUS
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(11) Tolman, R; J Am Chem Soc 1969, V91, P2102 CAPLUS

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 15 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1998:682246 CAPLUS

DN 129:290146

TI Preparation of 4-phenyl(methyl)amino-7H-pyrrolo[2,3-d]pyrimidines

IN Misun, Marian; Fischer, Reto; Mutz, Michael

PA Novartis A.-G., Switz.; Novartis-Erfindungen Verwaltungsgesellschaft m.b.H.

SO PCT Int. Appl., 79 pp.

CODEN: PIXXD2

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9843973	A1	19981008	WO 1998-EP1760	19980325
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			

AU 9872103 A1 19981022 AU 1998-72103 19980325

PRAI CH 1997-741 19970327

WO 1998-EP1760 19980325

OS CASREACT 129:290146; MARPAT 129:290146

L5 ANSWER 16 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1998:640260 CAPLUS

DN 129:275922

TI Preparation of pyrrolo[2,3-d]pyrimidines as tyrosine kinase inhibitors

IN Calderwood, David John; Johnston, David Norman; Rafferty, Paul; Twigger, Helen Louise; Munschauer, Rainer; Arnold, Lee

PA Knoll A.-G., Germany

SO PCT Int. Appl., 72 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9841525	A1	19980924	WO 1998-EP1357	19980309
	W:	AL, AU, BG, BR, BY, CA, CN, CZ, GE, HU, ID, IL, JP, KR, KZ, LT, LV, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TR, UA, US, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE			
	AU 9868293	A1	19981012	AU 1998-68293	19980309
	EP 970084	A1	20000112	EP 1998-913690	19980309

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R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE,
SI, FI, RO
NO 9904509 A 19990917 NO 1999-4509 19990917
PRAI US 1997-40836 19970319
WO 1998-EP1357 19980309
OS MARPAT 129:275922

L5 ANSWER 17 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1998:634365 CAPLUS
DN 130:3820
TI An improved synthesis of the versatile heterocycle, 4-amino-6-bromo-5-
cyanopyrrolo[2,3-d]pyrimidine
AU Porcari, Anthony R.; Townsend, Leroy B.
CS Department of Medicinal Chemistry, College of Pharmacy; Department of
Chemistry, College of Literature, Science, and Arts, University of
Michigan, Ann Arbor, MI, 48109-1065, USA
SO Synth. Commun. (1998), 28(20), 3835-3843
CODEN: SYNCAV; ISSN: 0039-7911
PB Marcel Dekker, Inc.
DT Journal
LA English
OS CASREACT 130:3820
RE.CNT 44
RE

(2) Bergstrom, D; J Med Chem 1984, V27, P285 CAPLUS
(5) De Clercq, E; J Med Chem 1987, V30, P481 CAPLUS
(7) Finch, R; Anticancer Drug Res 1997, V12, P205 CAPLUS
(8) Glazer, R; Biochem Pharmacol 1980, V29, P305 CAPLUS
(9) Glazer, R; Biochem Pharmacol 1981, V30, P2697 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 18 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1998:564221 CAPLUS
DN 129:175920
TI Preparation of nucleosides water soluble adenosine kinase inhibitors
IN Ugarkar, Bheemarao G.; Erion, Mark D.; Gomez, Galeno Jorge E.
PA Metabasis Therapeutics, Inc., USA
SO U.S., 35 pp. Cont.-in-part of U. S. Ser. No. 473,492.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 14

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	US 5795977	A	19980818	US 1996-660532	19960607
	WO 9212718	A1	19920806	WO 1992-US515	19920121
	W: AU, CA, FI, NO				
	AU 665184	B2	19951221	AU 1992-13599	19920121
	NO 9302628	A	19930923	NO 1993-2628	19930721
	NO 180418	B	19970106		
	NO 180418	C	19970416		
	US 5646128	A	19970708	US 1994-349125	19941201
	US 5658889	A	19970819	US 1994-355836	19941214
	US 5726302	A	19980310	US 1995-473492	19950607
PRAI	US 1989-408707	19890918			
	US 1990-466979	19900118			
	US 1991-647117	19910123			
	US 1991-812916	19911223			

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US 1995-473492 19950607
US 1989-301222 19890124
US 1989-301453 19890124
US 1989-408107 19890915
WO 1992-US515 19920121
US 1993-14190 19930203
US 1994-192645 19940203
US 1994-230421 19940419
OS MARPAT 129:175920

L5 ANSWER 19 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1998:508686 CAPLUS
DN 129:230692
TI Synthesis of pyrrolopyrimidines from 2,5-diaryl-3,3,4,4-
tetracyanopyrrolidines
AU Nasakin, O. E.; Lyshchikov, A. E.; Lukin, P. M.; Tafeenko, V. A.; Bulai,
A. Kh.
CS I. N. Ul'yanov Chuvash State University, Cheboksary, 428015, Russia
SO Chem. Heterocycl. Compd. (N. Y.) (1998), Volume Date 1997, 33(12),
1450-1455
CODEN: CHCCAL; ISSN: 0009-3122
PB Consultants Bureau
DT Journal
LA English

L5 ANSWER 20 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1998:503653 CAPLUS
DN 129:290345
TI Synthesis and in vitro antitumor activity of some amino-deoxy
7-hexofuranosylpyrrolo[2,3-d]pyrimidines
AU Huang, Bao-Guo; Bobek, Miroslav
CS Department of Pharmacology and Therapeutics, Roswell Park Cancer
Institute, Buffalo, NY, 14263, USA
SO Carbohydr. Res. (1998), 308(3-4), 319-328
CODEN: CRBRAT; ISSN: 0008-6215
PB Elsevier Science Ltd.
DT Journal
LA English

L5 ANSWER 21 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1998:405444 CAPLUS
DN 129:67984
TI Preparation of orally active nucleoside adenosine kinase inhibitors
IN Ugarkar, Bheemarao G.; Erion, Mark D.; Gomez, Galeno Jorge E.; Castellino,
Angelo J.; Browne, Clinton E.
PA Metabasis Therapeutics, Inc., USA
SO U.S., 22 pp. Cont.-in-part of U.S. Ser. No. 473,491.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 14

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	US 5763597	A	19980609	US 1996-660506	19960607
	WO 9212718	A1	19920806	WO 1992-US515	19920121
	W: AU, CA, FI, NO				
	AU 665184	B2	19951221	AU 1992-13599	19920121
	NO 9302628	A	19930923	NO 1993-2628	19930721

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	NO 180418	B	19970106		
	NO 180418	C	19970416		
	US 5646128	A	19970708	US 1994-349125	19941201
	US 5658889	A	19970819	US 1994-355836	19941214
	US 5721356	A	19980224	US 1995-473491	19950607
PRAI	US 1989-408707		19890918		
	US 1990-466979		19900118		
	US 1991-647117		19910123		
	US 1991-812916		19911223		
	US 1995-473491		19950607		
	US 1989-301222		19890124		
	US 1989-301453		19890124		
	US 1989-408107		19890915		
	WO 1992-US515		19920121		
	US 1993-14190		19930203		
	US 1994-192645		19940203		
	US 1994-230421		19940419		
OS	MARPAT 129:67984				

L5 ANSWER 22 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1998:405443 CAPLUS

DN 129:67983

TI Preparation of C-4' modified adenosine kinase inhibitors

IN Boyer, Serge H.; Ugarkar, Bheemarao G.; Erion, Mark D.

PA Metabasis Therapeutics, Inc., USA

SO U.S., 38 pp. Cont.-in-part of U.S. 5,674,998.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 14

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	US 5763596	A	19980609	US 1996-660505	19960607
	WO 9212718	A1	19920806	WO 1992-US515	19920121
	W: AU, CA, FI, NO				
	AU 665184	B2	19951221	AU 1992-13599	19920121
	NO 9302628	A	19930923	NO 1993-2628	19930721
	NO 180418	B	19970106		
	NO 180418	C	19970416		
	US 5506347	A	19960409	US 1994-191282	19940203
	US 5646128	A	19970708	US 1994-349125	19941201
	US 5658889	A	19970819	US 1994-355836	19941214
	US 5674998	A	19971007	US 1995-486161	19950607
PRAI	US 1989-408707		19890915		
	US 1990-466979		19900118		
	US 1991-647117		19910123		
	US 1991-812916		19911223		
	US 1994-191282		19940203		
	US 1995-486161		19950607		
	US 1989-301222		19890124		
	US 1989-301453		19890124		
	US 1989-408107		19890915		
	WO 1992-US515		19920121		
	US 1993-14159		19930203		
	US 1993-14190		19930203		
	US 1994-182381		19940114		
	US 1994-192645		19940203		
	US 1994-230421		19940419		

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OS MARPAT 129:67983

L5 ANSWER 23 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1998:405419 CAPLUS

DN 129:78838

TI Systematic evolution of ligands by exponential enrichment: photoselection of nucleic acid ligands and solution SELEX

IN Gold, Larry; Willis, Michael; Koch, Tad; Ringquist, Steven; Jensen, Kirk; Atkinson, Brent

PA Nexstar Pharmaceuticals, Inc., USA

SO U.S., 69 pp. Cont.-in-part of U.S. Ser. No. 143,564, abandoned.
CODEN: USXXAM

DT Patent

LA English

FAN.CNT 84

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	US 5763177	A	19980609	US 1996-612895	19960308
	US 5475096	A	19951212	US 1991-714131	19910610
	EP 786469	A2	19970730	EP 1997-200035	19910610
	EP 786469	A3	19970806		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
	IL 112141	A1	19980405	IL 1991-112141	19910611
	US 5270163	A	19931214	US 1992-931473	19920817
	WO 9508003	A1	19950323	WO 1994-US10562	19940916
	W: AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, LV, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, US, US, UZ, VN				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
PRAI	US 1990-536428		19900611		
	US 1991-714131		19910610		
	US 1992-931473		19920817		
	US 1993-123935		19930917		
	US 1993-143564		19931025		
	WO 1994-US10562		19940916		
	EP 1991-912753		19910610		
	IL 1991-98456		19910611		

L5 ANSWER 24 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1998:388518 CAPLUS

DN 129:41143

TI Fused bicyclic pyrimidine derivatives useful as antihyperproliferative agents

IN Arnold, Lee Daniel; Moyer, Mikel Paul; Sobolov-Jaynes, Susan Beth

PA Pfizer Inc., USA; Arnold, Lee Daniel; Moyer, Mikel Paul; Sobolov-Jaynes, Susan Beth

SO PCT Int. Appl., 45 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	WO 9823613	A1	19980604	WO 1997-IB1393	19971105
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT,				

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RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN,
YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR,
GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA,
GN, ML, MR, NE, SN, TD, TG
AU 9747189 A1 19980622 AU 1997-47189 19971105
EP 946554 A1 19991006 EP 1997-909525 19971105
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE,
SI, LT, LV, FI, RO
CN 1237177 A 19991201 CN 1997-199662 19971105
BR 9713552 A 20000125 BR 1997-13552 19971105
JP 2000505109 T2 20000425 JP 1998-524465 19971105
NO 9902524 A 19990526 NO 1999-2524 19990526
PRAI US 1996-PV31862 19961127
US 1997-PV41846 19970409
US 1997-184696 19970409
WO 1997-IB1393 19971105
OS MARPAT 129:41143

L5 ANSWER 25 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1998:324922 CAPLUS
DN 129:37219
TI DNA sequencing diagnostics based on mass spectrometry
IN Koster, Hubert; Tang, Kai; Fu, Dong-Jing; Siegert, Carston W.; Little,
Daniel P.; Higgins, G. Scott; Braun, Andreas; Damhoffer-Demar, Brigitte;
et al.
PA Sequenom, Inc., USA; Koster, Hubert; Tang, Kai; Fu, Dong-Jing; Siegert,
Carston W.; Little, Daniel P.; Higgins, G. Scott
SO PCT Int. Appl., 479 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 5

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	WO 9820166	A2	19980514	WO 1997-US20444	19971106
	WO 9820166	A3	19981022		
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,				
	DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR,				
	KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ,				
	PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG,				
	US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR,				
	GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA,				
	GN, ML, MR, NE, SN, TD, TG				
	US 5900481	A	19990504	US 1996-746036	19961106
	US 6074823	A	20000613	US 1996-744590	19961106
	US 6024925	A	20000215	US 1997-787639	19970123
	AU 9851069	A1	19980529	AU 1998-51069	19971106
	EP 954612	A2	19991110	EP 1997-945641	19971106
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				
	IE, SI, LT, LV, FI, RO				
	DE 19782095	T	20000323	DE 1997-19782095	19971106
	NO 9902168	A	19990706	NO 1999-2168	19990504
PRAI	US 1996-744481		19961106		
	US 1996-744590		19961106		
	US 1996-746036		19961106		
	US 1996-746055		19961106		

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US 1997-786988 19970123
US 1997-787639 19970123
US 1997-933792 19970919
US 1997-947801 19971008
US 1993-34738 19930319
US 1995-388171 19950210
WO 1997-US20444 19971106
OS MARPAT 129:37219

L5 ANSWER 26 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1998:229995 CAPLUS

DN 129:36168

TI A potent protein-tyrosine kinase inhibitor which selectively blocks proliferation of epidermal growth factor receptor-expressing tumor cells in vitro and in vivo

AU Lydon, Nicholas B.; Mett, Helmut; Mueller, Marcel; Becker, Michael; Cozens, Robert M.; Stover, David; Daniels, Daren; Traxler, Peter; Buchdunger, Elisabeth

CS Oncology, Research, Novartis Pharma AG, Basel, Switz.

SO Int. J. Cancer (1998), 76(1), 154-163

CODEN: IJCNAW; ISSN: 0020-7136

PB Wiley-Liss, Inc.

DT Journal

LA English

L5 ANSWER 27 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1998:180580 CAPLUS

DN 128:230637

TI Preparation of water soluble adenosine kinase inhibitors as cardiovascular and antiinflammatory agents

IN Ugarkar, Bheemarao G.; Erion, Mark D.; Gomez, Galeno Jorge E.

PA Gensia Inc., USA

SO U.S., 25 pp. Cont.-in-part of U.S. Ser. No. 812,916, abandoned.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 14

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5726302	A	19980310	US 1995-473492	19950607
	WO 9212718	A1	19920806	WO 1992-US515	19920121
	W: AU, CA, FI, NO				
	AU 665184	B2	19951221	AU 1992-13599	19920121
	NO 9302628	A	19930923	NO 1993-2628	19930721
	NO 180418	B	19970106		
	NO 180418	C	19970416		
	US 5646128	A	19970708	US 1994-349125	19941201
	US 5658889	A	19970819	US 1994-355836	19941214
	US 5864033	A	19990126	US 1995-451236	19950526
	CA 2247983	AA	19961219	CA 1996-2247983	19960607
	WO 9640707	A1	19961219	WO 1996-US10956	19960607
	W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG				
	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN				
	AU 9664790	A1	19961230	AU 1996-64790	19960607

09/732,669

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EP 836613 A1 19980422 EP 1996-924302 19960607
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, FI
 US 5795977 A 19980818 US 1996-660532 19960607
 JP 11509181 T2 19990817 JP 1996-502319 19960607
 BR 9609011 A 19991214 BR 1996-9011 19960607
 PRAI US 1989-408707 19890918
 US 1990-466979 19900118
 US 1991-647117 19910123
 US 1991-812916 19911223
 US 1989-301222 19890124
 US 1989-301453 19890124
 US 1989-408107 19890915
 WO 1992-US515 19920121
 US 1993-14190 19930203
 US 1994-192645 19940203
 US 1994-230421 19940419
 US 1995-473492 19950607
 WO 1996-US10956 19960607
 OS MARPAT 128:230637

L5 ANSWER 28 OF 175 CAPLUS COPYRIGHT 2000 ACS
 AN 1998:147332 CAPLUS
 DN 128:192664
 TI Preparation of substituted pyrrolopyrimidines as antitumor agents
 IN Traxler, Peter; Bold, Guido; Lang, Marc; Frei, Jorg
 PA Novartis A.-G., Switz.; Traxler, Peter; Bold, Guido; Lang, Marc; Frei,
 Jorg
 SO PCT Int. Appl., 86 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9807726	A1	19980226	WO 1997-EP4564	19970821
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
CN 1194647	A	19980930	CN 1996-196640	19960624
AU 9742064	A1	19980306	AU 1997-42064	19970821
EP 938486	A1	19990901	EP 1997-940108	19970821
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
PRAI CH 1996-2071		19960823		
WO 1997-EP4564		19970821		
OS MARPAT 128:192664				

L5 ANSWER 29 OF 175 CAPLUS COPYRIGHT 2000 ACS
 AN 1998:146721 CAPLUS
 DN 128:192880
 TI Preparation of orally active adenosine kinase inhibitors
 IN Ugarkar, Bheemarao G.; Erion, Mark D.; Gomez, Galeno Jorge E.; Castellino,

V. Balasubramanian

Angelo J.; Browne, Clinton E.
PA Gensia, Inc., USA
SO U.S., 18 pp. Cont.-in-part of U.S. Ser. No. 812,916, abandoned.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 14

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5721356	A	19980224	US 1995-473491	19950607
	WO 9212718	A1	19920806	WO 1992-US515	19920121
	W: AU, CA, FI, NO				
	AU 665184	B2	19951221	AU 1992-13599	19920121
	NO 9302628	A	19930923	NO 1993-2628	19930721
	NO 180418	B	19970106		
	NO 180418	C	19970416		
	US 5646128	A	19970708	US 1994-349125	19941201
	US 5658889	A	19970819	US 1994-355836	19941214
	US 5864033	A	19990126	US 1995-451236	19950526
	CA 2247984	AA	19961219	CA 1996-2247984	19960607
	WO 9640706	A1	19961219	WO 1996-US10919	19960607
	W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG				
	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN				
	AU 9663958	A1	19961230	AU 1996-63958	19960607
	EP 832092	A1	19980401	EP 1996-923451	19960607
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	US 5763597	A	19980609	US 1996-660506	19960607
	JP 11507390	T2	19990629	JP 1996-502318	19960607
	BR 9608625	A	19991207	BR 1996-8625	19960607
PRAI	US 1989-408707		19890915		
	US 1990-466979		19900118		
	US 1991-647117		19910123		
	US 1991-812916		19911223		
	US 1989-301222		19890124		
	US 1989-301453		19890124		
	US 1989-408107		19890915		
	WO 1992-US515		19920121		
	US 1993-14190		19930203		
	US 1994-192645		19940203		
	US 1994-230421		19940419		
	US 1995-473491		19950607		
	WO 1996-US10919		19960607		
OS	MARPAT 128:192880				
L5	ANSWER 30 OF 175 CAPLUS COPYRIGHT 2000 ACS				
AN	1997:696745 CAPLUS				
DN	128:3695				
TI	Preparation of N-quinazolinylacrylamides and analogs as tyrosine kinase inhibitors				
IN	Bridges, Alexander James; Denny, William Alexander; Dobrusin, Ellen Myra; Doherty, Annette Marian; Fry, David W.; Mcnamara, Dennis Joseph; Showalter, Howard Daniel Hollis; Smaill, Jeffrey B.; Zhou, Hairong; et al.				
PA	Warner-Lambert Company, USA; Bridges, Alexander James; Denny, William				

09/732,669

V. Balasubramanian

Alexander; Dobrusin, Ellen Myra; Doherty, Annette Marian; Fry, David W.;
 Mcnamara, Dennis Joseph; Showalter, Howard Daniel Hollis; Smaill, Jeffrey
 B.; Zhou, Hairong
 SO PCT Int. Appl., 193 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9738983	A1	19971023	WO 1997-US5778	19970408
	W: AL, AU, BA, BB, BG, BR, CA, CN, CZ, EE, GE, GH, HU, IL, IS, JP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	CA 2249446	AA	19971023	CA 1997-2249446	19970408
	AU 9724463	A1	19971107	AU 1997-24463	19970408
	EP 892789	A1	19990127	EP 1997-920213	19970408
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI				
	CN 1218456	A	19990602	CN 1997-194458	19970408
	BR 9708640	A	19990803	BR 1997-8640	19970408
	NO 9804718	A	19981209	NO 1998-4718	19981009
PRAI	US 1996-15351		19960412		
	WO 1997-US5778		19970408		
OS	MARPAT 128:3695				

L5 ANSWER 31 OF 175 CAPLUS COPYRIGHT 2000 ACS
 AN 1997:689542 CAPLUS
 DN 127:358871
 TI Preparation of tricyclic compounds capable of inhibiting tyrosine kinases of the epidermal growth factor receptor family
 IN Bridges, Alexander James; Denny, William Alexander; Fry, David; Kraker, Alan; Meyer, Robert Frederick; Rewcastle, Gordon William; Thompson, Andrew Mark; Showalter, Howard Daniel Hollis
 PA Warner-Lambert Company, USA
 SO U.S., 42 pp. Cont.-in-part of U.S. Ser. No. 186,735, ABANDONED.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5679683	A	19971021	US 1994-358352	19941223
	ZA 9500441	A	19951010	ZA 1995-441	19950119
	ZA 9500440	A	19951010	ZA 1995-440	19950119
	WO 9519970	A1	19950727	WO 1995-US911	19950123
	W: AM, AU, BG, BY, CA, CN, CZ, EE, FI, GE, HU, JP, KG, KR, KZ, LT, LV, MD, MX, NO, NZ, PL, RO, RU, SI, SK, TJ, UA, UZ				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	CA 2177392	AA	19950727	CA 1995-2177392	19950123
	AU 9518334	A1	19950808	AU 1995-18334	19950123
	AU 686339	B2	19980205		
	EP 741711	A1	19961113	EP 1995-910116	19950123
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
	CN 1139383	A	19970101	CN 1995-191310	19950123

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CN 1139430	A	19970101	CN 1995-191318	19950123
HU 74590	A2	19970128	HU 1996-2016	19950123
HU 74589	A2	19970128	HU 1996-2017	19950123
JP 09508126	T2	19970819	JP 1995-519721	19950123
FI 9602855	A	19960913	FI 1996-2855	19960715
NO 9603093	A	19960724	NO 1996-3093	19960724
PRAI US 1994-186735	19940125			
US 1994-186745	19940125			
US 1994-358352	19941223			
WO 1995-US911	19950123			
OS MARPAT 127:358871				
L5 ANSWER 32 OF 175 CAPLUS				
AN 1997:684165 CAPLUS				
DN 127:293561				
TI Preparation of C-4' modified nucleosides as adenosine kinase inhibitors				
IN Boyer, Serge H.; Erion, Mark D.; Ugarkar, Bheemarao G.				
PA Gensia Inc., USA				
SO U.S., 25 pp. Cont.-in-part of U.S. Ser. No. 812,916, abandoned.				
CODEN: USXXAM				
DT Patent				
LA English				
FAN.CNT 14				
	PATENT NO.	KIND	DATE	APPLICATION NO. DATE
	-----	---	-----	-----
PI US 5674998	A	19971007	US 1995-486161	19950607
WO 9212718	A1	19920806	WO 1992-US515	19920121
W: AU, CA, FI, NO				
AU 665184	B2	19951221	AU 1992-13599	19920121
NO 9302628	A	19930923	NO 1993-2628	19930721
NO 180418	B	19970106		
NO 180418	C	19970416		
US 5506347	A	19960409	US 1994-191282	19940203
US 5646128	A	19970708	US 1994-349125	19941201
US 5658889	A	19970819	US 1994-355836	19941214
CA 2220642	AA	19961219	CA 1996-2220642	19960607
WO 9640705	A1	19961219	WO 1996-US10404	19960607
W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG				
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN				
AU 9661783	A1	19961230	AU 1996-61783	19960607
EP 832091	A1	19980401	EP 1996-919442	19960607
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
US 5763596	A	19980609	US 1996-660505	19960607
CN 1190401	A	19980812	CN 1996-195383	19960607
JP 11507387	T2	19990629	JP 1996-502290	19960607
BR 9609013	A	19991214	BR 1996-9013	19960607
NO 9705585	A	19980205	NO 1997-5585	19971203
PRAI US 1989-408707	19890918			
US 1990-466979	19900118			
US 1991-647117	19910123			
US 1991-812916	19911223			
US 1994-191282	19940203			
US 1989-301222	19890124			

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US 1989-301453 19890124
US 1989-408107 19890915
WO 1992-US515 19920121
US 1993-14159 19930203
US 1993-14190 19930203
US 1994-182381 19940114
US 1994-192645 19940203
US 1994-230421 19940419
US 1995-486161 19950607
WO 1996-US10404 19960607

OS MARPAT 127:293561

L5 ANSWER 33 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1997:679199 CAPLUS

DN 127:327439

TI Nucleic acid sequencing by mass spectrometry

IN Koster, Hubert

PA Sequenom, Inc., USA

SO PCT Int. Appl., 141 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	WO 9737041	A2	19971009	WO 1997-US4394	19970318
	WO 9737041	A3	19971204		
	W:	AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, UZ, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
	AU 9722175	A1	19971022	AU 1997-22175	19970318
PRAI	US 1996-617010		19960318		
	US 1996-547835		19960820		
	WO 1997-US4394		19970318		

L5 ANSWER 34 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1997:679141 CAPLUS

DN 127:328679

TI Asymmetric benzoxanthene dyes

IN Benson, Scott C.; Menchen, Steven M.; Theisen, Peter D.; Hennessey, Kevin M.; Furniss, Vergine C.; Hauser, Joan

PA Perkin-Elmer Corp., USA

SO PCT Int. Appl., 74 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	WO 9736960	A1	19971009	WO 1997-US5376	19970401
	W:	AU, CA, JP			
	RW:	AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE			
	US 6020481	A	20000201	US 1996-626085	19960401

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US 5840999	A	19981124	US 1997-824102	19970326	
CA 2250014	AA	19971009	CA 1997-2250014	19970401	
AU 9724323	A1	19971022	AU 1997-24323	19970401	
AU 707242	B2	19990708			
EP 891393	A1	19990120	EP 1997-920028	19970401	
EP 891393	B1	19990630			
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI					
AT 181741	E	19990715	AT 1997-920028	19970401	
JP 2000500183	T2	20000111	JP 1997-535550	19970401	
PRAI US 1996-626085	19960401				
WO 1997-US5376	19970401				
OS	MARPAT 127:328679				
L5 ANSWER 35 OF 175 CAPLUS COPYRIGHT 2000 ACS					
AN 1997:640667 CAPLUS					
DN 127:318974					
TI Preparation of 7-heterocyclylpyrrolo[2,3-d]pyrimidines and analogs as protein tyrosine kinase pp60c-src inhibitors					
IN Altmann, Eva					
PA Novartis A.-G., Switz.; Altmann, Eva					
SO PCT Int. Appl., 66 pp.					
CODEN: PIXXD2					
DT Patent					
LA German					
FAN.CNT 1					
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	WO 9734895	A1	19970925	WO 1997-EP1095	19970305
	W: AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HU, IL, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	CA 2249739	AA	19970925	CA 1997-2249739	19970305
	AU 9721534	A1	19971010	AU 1997-21534	19970305
	AU 716383	B2	20000224		
	EP 888353	A1	19990107	EP 1997-914189	19970305
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI				
	CN 1216544	A	19990512	CN 1997-193839	19970305
	BR 9709443	A	19990810	BR 1997-9443	19970305
	JP 2000506537	T2	20000530	JP 1997-533081	19970305
	US 6051577	A	20000418	US 1998-142548	19980910
	NO 9804199	A	19981105	NO 1998-4199	19980911
PRAI	CH 1996-694	19960315			
	WO 1997-EP1095	19970305			
OS	MARPAT 127:318974				
L5 ANSWER 36 OF 175 CAPLUS COPYRIGHT 2000 ACS					
AN 1997:638426 CAPLUS					
DN 127:272380					
TI Use of a Pharmacophore Model for the Design of EGF-R Tyrosine Kinase Inhibitors: 4-(Phenylamino)pyrazolo[3,4-d]pyrimidines					
AU Traxler, Peter; Bold, Guido; Frei, Joerg; Lang, Marc; Lydon, Nicholas; Mett, Helmut; Buchdunger, Elisabeth; Meyer, Thomas; Mueller, Marcel; Furet, Pascal					

V. Balasubramanian

CS Novartis Pharmaceuticals Therapeutic Area Oncology Novartis Limited,
Basel, CH-4002, Switz.
SO J. Med. Chem. (1997), 40(22), 3601-3616
CODEN: JMCMAR; ISSN: 0022-2623
PB American Chemical Society
DT Journal
LA English

L5 ANSWER 37 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1997:632396 CAPLUS
DN 127:293244
TI Preparation of 4-substituted pyrrolopyrimidines as tyrosine kinase
inhibitors
IN Buzzetti, Franco; Brasca, Maria Gabriella; Longo, Antonio; Ballinari,
Dario
PA Pharmacia & Upjohn S.P.A., Italy
SO Eur. Pat. Appl., 15 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 795556	A1	19970917	EP 1997-200386	19970211
	R: DE, GB, IT				
	JP 09323995	A2	19971216	JP 1997-44207	19970227
PRAI	GB 1996-4361		19960229		
OS	MARPAT 127:293244				

L5 ANSWER 38 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1997:618099 CAPLUS
DN 127:293238
TI 7-Alkylpyrrolo[2,3-d]pyrimidines
IN Altmann, Eva; Missbach, Martin; Widler, Leo
PA Novartis A.-G., Switz.; Altmann, Eva; Missbach, Martin; Widler, Leo
SO PCT Int. Appl., 64 pp.
CODEN: PIXXD2
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9732879	A1	19970912	WO 1997-EP874	19970224
	W: AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HU, IL, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	AU 9717946	A1	19970922	AU 1997-17946	19970224
PRAI	EP 1996-810137		19960306		
	WO 1997-EP874		19970224		
OS	MARPAT 127:293238				

L5 ANSWER 39 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1997:617993 CAPLUS
DN 127:272793

V. Balasubramanian

TI Antiproliferative combinations, containing raf-targeted oligonucleotides
and chemotherapeutic compounds
IN Muller, Marcel; Geiger, Thomas; Altmann, Karl-Heinz; Fabbro, Dorian;
Monia, Brett
PA Novartis AG, Switz.
SO PCT Int. Appl., 118 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9732604	A1	19970912	WO 1997-EP875	19970224
	W: AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HU, IL, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	AU 9720925	A1	19970922	AU 1997-20925	19970224
PRAI	US 1996-612787		19960307		
	WO 1997-EP875		19970224		

L5 ANSWER 40 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1997:617979 CAPLUS
DN 127:283393

TI Combinations of drugs with antisense oligonucleotides for treatment of
proliferative diseases
IN Muller, Marcel; Geiger, Thomas; Altmann, Karl-Heinz; Fabbro, Dorian;
Dean, Nicholas Mark; Monia, Brett; Bennett, Clarence Frank
PA Novartis A.-G., Switz.
SO PCT Int. Appl., 108 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9732589	A1	19970912	WO 1997-EP876	19970224
	W: AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HU, IL, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	US 5744460	A	19980428	US 1996-612775	19960307
	AU 9720926	A1	19970922	AU 1997-20926	19970224
PRAI	US 1996-612775		19960307		
	WO 1997-EP876		19970224		

L5 ANSWER 41 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1997:584631 CAPLUS
DN 127:248338

TI Acyclic nucleoside analogs. Part II: Acyclic analogs of guanosine,
7-deazaguanosine, and 7-deazaadenosine with a cis-hydroxypentene fragment
AU Tsyтовich, A. V.; Shamshin, D. V.; Burkovskii, V. B.; Shvets, V. I.
CS Mosk. Gos. Akad. Tonk. Khim. Tekhnol. im. Lomonosova, Moscow, 117571,
Russia

V. Balasubramanian

SO Bioorg. Khim. (1995), 21(11), 874-880
CODEN: BIKHD7; ISSN: 0132-3423
PB MAIK Nauka
DT Journal
LA Russian

L5 ANSWER 42 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1997:533648 CAPLUS
DN 127:220666
TI Preparation of 4-aminopyrrolo[2,3-d]pyrimidines as tyrosine kinase inhibitors
IN Altmann, Eva; Widler, Leo; Missbach, Martin
PA Novartis A.-G, Switz.; Altmann, Eva; Widler, Leo; Missbach, Martin
SO PCT Int. Appl., 48 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9728161	A1	19970807	WO 1997-EP350	19970127
	W:	AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HU, IL, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
	AU 9715951	A1	19970822	AU 1997-15951	19970127
PRAI	CH 1996-257		19960201		
	WO 1997-EP350		19970127		
OS	MARPAT 127:220666				

L5 ANSWER 43 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1997:525861 CAPLUS
DN 127:190749
TI Preparation of pyrrolopyrimidines as inhibitors of protein kinases
IN Traxler, Peter; Frei, Jorg; Bold, Guido
PA Novartis A.-G, Switz.; Traxler, Peter; Frei, Jorg; Bold, Guido
SO PCT Int. Appl., 60 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9727199	A1	19970731	WO 1997-EP127	19970113
	W:	AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HU, IL, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
	CA 2242354	AA	19970731	CA 1997-2242354	19970113
	AU 9714414	A1	19970820	AU 1997-14414	19970113
	EP 888349	A1	19990107	EP 1997-901014	19970113
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI			
	JP 2000503005	T2	20000314	JP 1997-523897	19970113

PRAI CH 1996-175 19960123
 WO 1997-EP127 19970113
 OS MARPAT 127:190749

L5 ANSWER 44 OF 175 CAPLUS COPYRIGHT 2000 ACS
 AN 1997:478038 CAPLUS
 DN 127:156859
 TI Interest of cluster significance analysis in structure-affinity
 relationships for non-xanthine heterocyclic antagonists of adenosine
 AU Adenot, M.; Benezech, V.; Bompard, J.; Bonnet, P.A.; Chapat, J.P.; Grassy,
 G.
 CS Centre de Biochimie Structurale, UMR CNRS 9955, INSERM U414, Faculte de
 Pharmacie, Montpellier, 34060, Fr.
 SO Eur. J. Med. Chem. (1997), 32(6), 493-504
 CODEN: EJMCA5; ISSN: 0223-5234
 PB Elsevier
 DT Journal
 LA English

L5 ANSWER 45 OF 175 CAPLUS COPYRIGHT 2000 ACS
 AN 1997:449357 CAPLUS
 DN 127:72942
 TI Photographic image formation
 IN Sakai, Minoru
 PA Fuji Photo Film Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 78 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 09120120	A2	19970506	JP 1995-299331	19951025

L5 ANSWER 46 OF 175 CAPLUS COPYRIGHT 2000 ACS
 AN 1997:420029 CAPLUS
 DN 127:131626
 TI Probing Flp: a new approach to analyze the structure of a DNA recognizing
 protein by combining the genetic algorithm, mutagenesis and non-canonical
 DNA target sites
 AU Saxena, Pratibha; Whang, Ilson; Voziyanov, Yuri; Harkey, Cecil; Argos,
 Patrick; Jayaram, Makkuni; Dandekar, Thomas
 CS Department of Microbiology, University of Texas at Austin, Austin, TX,
 78712, USA
 SO Biochim. Biophys. Acta (1997), 1340(2), 187-204
 CODEN: BBACAQ; ISSN: 0006-3002
 PB Elsevier
 DT Journal
 LA English

L5 ANSWER 47 OF 175 CAPLUS COPYRIGHT 2000 ACS
 AN 1997:314318 CAPLUS
 DN 127:34200
 TI Synthesis of a tricyclic pyrrolopyrimidine related to N6-hydroxyadenine
 AU Williams, David M.; Yakovlev, Dmitry Yu.; Brown, Daniel M.
 CS Med. Research Council, Lab. Mol. Biol., Cambridge, CB2 2QH, UK
 SO J. Chem. Soc., Perkin Trans. 1 (1997), (8), 1171-1178
 CODEN: JCPRB4; ISSN: 0300-922X

V. Balasubramanian

PB Royal Society of Chemistry
DT Journal
LA English

L5 ANSWER 48 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1997:204107 CAPLUS

DN 126:199578

TI Preparation of 7H-pyrrolo[2,3-d]pyrimidines as tyrosine protein kinase inhibitors

IN Traxler, Peter; Bold, Guido; Brill, Wolfgang Karl-Diether; Frei, Joerg
PA Ciba-Geigy A.-G., Switz.; Traxler, Peter; Bold, Guido; Brill, Wolfgang, Karl-Diether; Frei, Joerg

SO PCT Int. Appl., 107 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9702266	A1	19970123	WO 1996-EP2728	19960624
	W: AL, AU, BB, BG, BR, CA, CN, CZ, EE, GE, HU, IL, IS, JP, KP, KR, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	CA 2224435	AA	19970123	CA 1996-2224435	19960624
	AU 9664148	A1	19970205	AU 1996-64148	19960624
	AU 707626	B2	19990715		
	EP 836605	A1	19980422	EP 1996-923893	19960624
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	BR 9609617	A	19990525	BR 1996-9617	19960624
	JP 11508570	T2	19990727	JP 1996-504763	19960624
	ZA 9605723	A	19970106	ZA 1996-5723	19960705
	NO 9705956	A	19980210	NO 1997-5956	19971218
PRAI	CH 1995-1976		19950706		
	CH 1995-2498		19950901		
	CH 1995-3198		19951110		
	CH 1996-255		19960201		
	CH 1996-1224		19960513		
	WO 1996-EP2728		19960624		
OS	MARPAT 126:199578				

L5 ANSWER 49 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1997:132775 CAPLUS

DN 126:144288

TI Preparation of heterocyclic ring-fused pyrimidines for treatment of hyperproliferative diseases

IN Arnold, Lee D.; Moyer, Mikel P.; Sobolov-jaynes, Susan B.

PA Pfizer Inc., USA; Arnold, Lee D.; Moyer, Mikel P.; Sobolov-Jaynes, Susan B.

SO PCT Int. Appl., 62 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 9640142	A1	19961219	WO 1995-US7881	19950607
	W: CA, FI, JP, MX, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	CA 2223081	AA	19961219	CA 1995-2223081	19950607
	EP 831829	A1	19980401	EP 1995-924027	19950607
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE				
	CN 1141298	A	19970129	CN 1996-108101	19960605
	NO 9602386	A	19961209	NO 1996-2386	19960606
	AU 9654791	A1	19961219	AU 1996-54791	19960606
	BR 9602695	A	19981006	BR 1996-2695	19960607
	FI 9704443	A	19971205	FI 1997-4443	19971205
PRAI	WO 1995-US7881		19950607		
OS	MARPAT 126:144288				

L5 ANSWER 50 OF 175 CAPLUS COPYRIGHT 2000 ACS
 AN 1997:130042 CAPLUS
 DN 126:131751
 TI Preparation of C-4' modified nucleosides as adenosine kinase inhibitors
 IN Boyer, Serge H.; Erion, Mark D.; Ugarkar, Bheemarao G.
 PA Gensia Inc., USA
 SO PCT Int. Appl., 101 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 14

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9640705	A1	19961219	WO 1996-US10404	19960607
	W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG				
	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN				
	US 5674998	A	19971007	US 1995-486161	19950607
	AU 9661783	A1	19961230	AU 1996-61783	19960607
	EP 832091	A1	19980401	EP 1996-919442	19960607
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	JP 11507387	T2	19990629	JP 1996-502290	19960607
	BR 9609013	A	19991214	BR 1996-9013	19960607
	NO 9705585	A	19980205	NO 1997-5585	19971203
PRAI	US 1995-486161		19950607		
	US 1989-408707		19890918		
	US 1990-466979		19900118		
	US 1991-647117		19910123		
	US 1991-812916		19911223		
	US 1994-191282		19940203		
	WO 1996-US10404		19960607		
OS	MARPAT 126:131751				

L5 ANSWER 51 OF 175 CAPLUS COPYRIGHT 2000 ACS
 AN 1997:121409 CAPLUS
 DN 126:131750
 TI Preparation of nucleoside analogs as orally active adenosine kinase inhibitors
 IN Ugarkar, Gheemarao G.; Erion, Mark D.; Galeno, Jorge E. Gomez; Castellino,

V. Balasubramanian

Angelo J.; Browne, Clinton E.
PA Gensia Inc., USA
SO PCT Int. Appl., 67 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 14

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	WO 9640706	A1	19961219	WO 1996-US10919	19960607
	W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG				
	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN				
	US 5721356	A	19980224	US 1995-473491	19950607
	AU 9663958	A1	19961230	AU 1996-63958	19960607
	EP 832092	A1	19980401	EP 1996-923451	19960607
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	JP 11507390	T2	19990629	JP 1996-502318	19960607
	BR 9608625	A	19991207	BR 1996-8625	19960607
PRAI	US 1995-473491		19950607		
	US 1989-408707		19890915		
	US 1990-466979		19900118		
	US 1991-647117		19910123		
	US 1991-812916		19911223		
	WO 1996-US10919		19960607		
OS	MARPAT 126:131750				

L5 ANSWER 52 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1997:119216 CAPLUS
DN 126:131749
TI Preparation of water-soluble nucleoside analogs as adenosine kinase inhibitors
IN Ugarkar, Bheemarao G.; Erion, Mark D.; Galeno, Jorge E. Gomez
PA Gensia Inc., USA
SO PCT Int. Appl., 106 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 14

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	WO 9640707	A1	19961219	WO 1996-US10956	19960607
	W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG				
	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN				
	US 5726302	A	19980310	US 1995-473492	19950607
	AU 9664790	A1	19961230	AU 1996-64790	19960607
	EP 836613	A1	19980422	EP 1996-924302	19960607
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	JP 11509181	T2	19990817	JP 1996-502319	19960607

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BR 9609011 A 19991214 BR 1996-9011 19960607
 PRAI US 1995-473492 19950607
 US 1989-408707 19890918
 US 1990-466979 19900118
 US 1991-647117 19910123
 US 1991-812916 19911223
 WO 1996-US10956 19960607
 OS MARPAT 126:131749

L5 ANSWER 53 OF 175 CAPLUS COPYRIGHT 2000 ACS
 AN 1996:685153 CAPLUS
 DN 125:328725
 TI Preparation of heterocyclic compounds as antitumor agents
 IN Aono, Tetsuya; Marui, Shogo; Itoh, Fumio; Yamaoka, Masuo; Nakao, Masafumi
 PA Takeda Chemical Industries, Ltd., Japan
 SO Eur. Pat. Appl., 145 pp.
 CODEN: EPXXDW
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 733633	A1	19960925	EP 1996-104176	19960315
	R: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
	US 5753664	A	19980519	US 1996-614893	19960313
	CA 2171932	AA	19960917	CA 1996-2171932	19960315
	JP 09095485	A2	19970408	JP 1996-59508	19960315
PRAI	JP 1995-56869		19950316		
	JP 1995-191770		19950727		
OS	MARPAT 125:328725				

L5 ANSWER 54 OF 175 CAPLUS COPYRIGHT 2000 ACS
 AN 1996:488756 CAPLUS
 DN 125:123719
 TI Treatment of toxoplasmosis
 IN El Kouni, Mahmoud H.; Guarcello, Vincent; Naguib, Fardos N. M.
 PA University of Alabama at Birmingham Research Foundation, USA
 SO PCT Int. Appl., 46 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9618398	A1	19960620	WO 1995-US16343	19951214
	W: CA, JP				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 5773424	A	19980630	US 1994-358195	19941216
	CA 2183598	AA	19960620	CA 1995-2183598	19951214
	EP 755255	A1	19970129	EP 1995-944112	19951214
	R: DE, FR, GB				
PRAI	US 1994-358195		19941216		
	WO 1995-US16343		19951214		
OS	MARPAT 125:123719				

L5 ANSWER 55 OF 175 CAPLUS COPYRIGHT 2000 ACS
 AN 1996:350451 CAPLUS
 DN 125:114669

V. Balasubramanian

TI Carbocyclic adenosine analogs useful as immunosuppressants
IN Borcharding, David R.; Edwards, Iii Carl K.; Esser, Ronald E.
PA Merrell Dow Pharmaceuticals Inc., USA
SO U.S., 13 pp. Cont.-in-part of U.S. Ser. No. 94,837, abandoned.
CODEN: USXXAM

DT Patent
LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5514688	A	19960507	US 1994-241814	19940512
	ZA 9107152	A	19920527	ZA 1991-7152	19910909
	US 5244896	A	19930914	US 1992-824411	19920123
	US 5470857	A	19951128	US 1994-336706	19941108
	US 5631258	A	19970520	US 1995-427937	19950426

PRAI US 1990-582280 19900914
US 1991-748172 19910823
US 1992-824411 19920123
US 1993-94837 19930721
US 1990-582265 19900914
US 1991-748173 19910823
US 1993-123577 19930917
US 1994-212338 19940314
US 1994-241814 19940512

OS MARPAT 125:114669

L5 ANSWER 56 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1996:338201 CAPLUS

DN 124:331709

TI 4-(Phenylamino)pyrrolopyrimidines: Potent and Selective, ATP Site Directed
Inhibitors of the EGF-Receptor Protein Tyrosine Kinase

AU Traxler, Peter M.; Furet, Pascal; Mett, Helmut; Buchdunger, Elisabeth;
Meyer, Thomas; Lydon, Nicholas

CS Cancer and Bone Metabolism Research Department, CIBA Limited, Basel,
CH-4002, Switz.

SO J. Med. Chem. (1996), 39(12), 2285-2292

CODEN: JMCMAR; ISSN: 0022-2623

DT Journal

LA English

L5 ANSWER 57 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1996:307408 CAPLUS

DN 124:343782

TI 4-Amino-6,6-dimethyl-5,6-dihydro-8H-pyrano (4',3':4,5)pyrrolo(2,3-
d)pyrimidine

IN Noravyan, A. S.; Paronikyan, E. G.; Mirzoyan, G. V.; Vartanyan, S. A.

PA Institut Tonkoj Organicheskoy Khimii im.A.L.Mndzhoyana, USSR

SO U.S.S.R.

From: Izobreteniya 1995, (30), 284.

CODEN: URXXAF

DT Patent

LA Russian

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	SU 1088331	A1	19951027	SU 1982-3507841	19821103

L5 ANSWER 58 OF 175 CAPLUS COPYRIGHT 2000 ACS

V. Balasubramanian

AN 1996:195579 CAPLUS
DN 124:255957
TI Specific photoaffinity labeling of a thylakoid membrane protein with an azido-cytokinin agonist
AU Nogue, F.; Mornet, R.; Laloue, M.
CS Laboratoire Biologie Cellulaire, Institut National Recherche Agronomique, Versailles, 78000, Fr.
SO Plant Growth Regul. (1996), 18(1-2), 51-8
CODEN: PGRED3; ISSN: 0167-6903
DT Journal
LA English

L5 ANSWER 59 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1996:73228 CAPLUS
DN 124:116947
TI Synthesis of Non-nucleoside Analogs of Toyocamycin, Sangivamycin, and Thiosangivamycin: Influence of Various 7-Substituents on Antiviral Activity
AU Renau, Thomas E.; Wotring, Linda L.; Drach, John C.; Townsend, Leroy B.
CS Department of Medicinal and Pharmaceutical Chemistry, College of Pharmacy, Ann Arbor, MI, 48109-1065, USA
SO J. Med. Chem. (1996), 39(4), 873-80
CODEN: JMCMAR; ISSN: 0022-2623
DT Journal
LA English

L5 ANSWER 60 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1995:998042 CAPLUS
DN 124:176133
TI Preparation of 4-anilino-7H-pyrrolo[2,3-d]pyrimidines with antiproliferative activity.
IN Traxler, Peter; Furet, Pascal; Brill, Wolfgang K. D.
PA Ciba-Geigy A.-G., Switz.
SO Eur. Pat. Appl., 31 pp.
CODEN: EPXXDW
DT Patent
LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	EP 682027	A1	19951115	EP 1995-810271	19950425
	EP 682027	B1	19971015		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
	AT 159257	E	19971115	AT 1995-810271	19950425
	ES 2109796	T3	19980116	ES 1995-810271	19950425
	AU 9517722	A1	19951109	AU 1995-17722	19950427
	AU 695244	B2	19980813		
	FI 9502033	A	19951104	FI 1995-2033	19950428
	HU 71818	A2	19960228	HU 1995-1230	19950428
	CA 2148324	AA	19951104	CA 1995-2148324	19950501
	JP 08053454	A2	19960227	JP 1995-107305	19950501
	ZA 9503495	A	19951103	ZA 1995-3495	19950502
	NO 9501684	A	19951106	NO 1995-1684	19950502
	CN 1128263	A	19960807	CN 1995-105418	19950502
	US 5686457	A	19971111	US 1995-434419	19950503
PRAI	CH 1994-1385		19940503		
	CH 1995-245		19950130		
OS	MARPAT 124:176133				

L5 ANSWER 61 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1995:981651 CAPLUS
DN 124:110636
TI Structure-activity relationships for the binding of ligands to xanthine or
guanine phosphoribosyltransferase from *Toxoplasma gondii*
AU Naguib, Fardos N. M.; Iltzsch, Max H.; el Kouni, Mustapha M.; Panzica,
Raymond P.; el Kouni, Mahmoud H.
CS Dep. Pharmacology Toxicology, Univ. Alabama, Birmingham, AL, 35294, USA
SO Biochem. Pharmacol. (1995), 50(10), 1685-93
CODEN: BCPCA6; ISSN: 0006-2952
DT Journal
LA English

L5 ANSWER 62 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1995:969439 CAPLUS
DN 124:8840
TI Preparation of pyrimidine-fused tricyclic compounds capable of inhibiting
tyrosine kinases of the epidermal growth factor receptor family
IN Bridges, Alexander James; Denny, William Alexander; Fry, David; Kraker,
Alan; Meyer, Robert; Rewcastle, Gordon William; Thompson, Andrew Mark;
Showalter, Howard Daniel Hollis
PA Warner-Lambert Co., USA
SO PCT Int. Appl., 281 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	WO 9519970	A1	19950727	WO 1995-US911	19950123
	W: AM, AU, BG, BY, CA, CN, CZ, EE, FI, GE, HU, JP, KG, KR, KZ, LT, LV, MD, MX, NO, NZ, PL, RO, RU, SI, SK, TJ, UA, UZ				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 5679683	A	19971021	US 1994-358352	19941223
	ZA 9500440	A	19951010	ZA 1995-440	19950119
	AU 9518334	A1	19950808	AU 1995-18334	19950123
	AU 686339	B2	19980205		
	EP 741711	A1	19961113	EP 1995-910116	19950123
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
	JP 09508126	T2	19970819	JP 1995-519721	19950123
	FI 9602855	A	19960913	FI 1996-2855	19960715
	NO 9603093	A	19960724	NO 1996-3093	19960724
PRAI	US 1994-186735		19940125		
	US 1994-186745		19940125		
	US 1994-358352		19941223		
	WO 1995-US911		19950123		
OS	MARPAT 124:8840				

L5 ANSWER 63 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1995:969436 CAPLUS
DN 124:8839
TI Preparation of bicyclic pyrimidines capable of inhibiting tyrosine kinases
of the epidermal growth factor receptor family
IN Bridges, Alexander James; Denny, William Alexander; Fry, David; Kraker,
Alan; Meyer, Robert; Rewcastle, Gordon William; Thompson, Andrew Mark
PA Warner-Lambert Co., USA
SO PCT Int. Appl., 218 pp.

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CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9519774	A1	19950727	WO 1995-US941	19950123
	W: AM, AU, BG, BY, CA, CN, CZ, EE, FI, GE, HU, JP, KG, KR, KZ, LT, LV, MD, MX, NO, NZ, PL, RO, RU, SI, SK, TJ, UA, UZ				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 5654307	A	19970805	US 1994-358351	19941223
	ZA 9500440	A	19951010	ZA 1995-440	19950119
	AU 9517314	A1	19950808	AU 1995-17314	19950123
	AU 686334	B2	19980205		
	EP 742717	A1	19961120	EP 1995-909316	19950123
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
	JP 09508127	T2	19970819	JP 1995-519732	19950123
	FI 9602856	A	19960925	FI 1996-2856	19960715
	NO 9603094	A	19960724	NO 1996-3094	19960724
PRAI	US 1994-186735		19940125		
	US 1994-186745		19940125		
	US 1994-358351		19941223		
	WO 1995-US941		19950123		
OS	MARPAT 124:8839				

L5 ANSWER 64 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1995:950912 CAPLUS
DN 124:176023
TI Synthesis of 1,2,4-triazolo[4,3-c]-, tetrazolo[1,5-c]- and 1,2,4-triazino[5,6-c]pyrano[4',3':4,5]pyrrolo[3,2-e]pyrimidine derivatives
AU Paronikyan, E. G.; Noravyan, A. S.
CS Inst. Tonkoi Org. Khim. im. Mndzhoyana, Yerevan, 375014, Armenia
SO Khim. Geterotsikl. Soedin. (1995), (5), 700-3
CODEN: KGSSAQ; ISSN: 0132-6244
DT Journal
LA Russian

L5 ANSWER 65 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1995:658539 CAPLUS
DN 123:285616
TI Synthesis of certain alkenyl purines and purine analogs
AU Rao, T. Sudhakar; Revankar, Ganapathi R.
CS Triplex Pharmaceutical Corporation, The Woodlands, TX, 77380, USA
SO J. Heterocycl. Chem. (1995), 32(3), 1043-9
CODEN: JHTCAD; ISSN: 0022-152X
DT Journal
LA English

L5 ANSWER 66 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1995:605449 CAPLUS
DN 123:127424
TI Method for processing a black-and-white silver halide photographic light-sensitive material.
IN Fukawa, Junichi; Goto, Kenji; Sampei, Takeshi
PA Konica Corp., Japan
SO Eur. Pat. Appl., 63 pp.
CODEN: EPXXDW
DT Patent

V. Balasubramanian

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 631179	A1	19941228	EP 1994-303803	19940526
	EP 631179	B1	20000405		
	R: DE, FR, GB, IT				
	JP 06347953	A2	19941222	JP 1993-138704	19930610
	US 5441847	A	19950815	US 1994-249455	19940526
PRAI	JP 1993-138704		19930610		
OS	MARPAT 123:127424				

L5 ANSWER 67 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1995:594357 CAPLUS

DN 123:2743

TI Systematic evolution of ligands by exponential enrichment using
photoselection of nucleic acid ligands and using the exponential selection
and enrichment method SELEX in solution

IN Gold, Larry; Willis, Michael; Koch, Tad; Ringquist, Steven; Jensen, Kirk;
Atkinson, Brent

PA University Research Corp., USA

SO PCT Int. Appl., 136 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 84

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9508003	A1	19950323	WO 1994-US10562	19940916
	W: AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, LV, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, US, US, UZ, VN				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	CA 2169535	AA	19950323	CA 1994-2169535	19940916
	AU 9477987	A1	19950403	AU 1994-77987	19940916
	AU 692185	B2	19980604		
	EP 736105	A1	19961009	EP 1994-928621	19940916
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
	JP 09502616	T2	19970318	JP 1994-509401	19940916
	US 5763177	A	19980609	US 1996-612895	19960308
	AU 9852711	A1	19980521	AU 1998-52711	19980123
PRAI	US 1993-123935		19930917		
	US 1993-143564		19931025		
	US 1990-536428		19900611		
	US 1991-714131		19910610		
	US 1992-931473		19920817		
	WO 1994-US10562		19940916		

L5 ANSWER 68 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1995:316538 CAPLUS

DN 122:201093

TI Black-and-white silver halide photographic developer composition

IN Sanpei, Takeshi

PA Konishiroku Photo Ind, Japan

SO Jpn. Kokai Tokkyo Koho, 28 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 06308680	A2	19941104	JP 1993-96118	19930422

L5 ANSWER 69 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1995:245471 CAPLUS

DN 123:170044

TI Synthesis of 2'-deoxy-.beta.-D-ribonucleosides and 2,3-dideoxy-.beta.-D-pentofuranosides on immobilized bacterial cells

AU Votruba, Ivan; Holy, Antonin; Dvorakova, Hana; Gunter, Jaroslav; Hockova, Dana; Hrebabecky, Hubert; Cihlar, Tomas; Masojidkova, Milena

CS Institute Organic Chemistry Biochemistry, Academy Sciences Czech Republic, Prague, 166 10, Czech Rep.

SO Collect. Czech. Chem. Commun. (1994), 59(10), 2303-30

CODEN: CCCCAK; ISSN: 0010-0765

DT Journal

LA English

L5 ANSWER 70 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1995:137254 CAPLUS

DN 122:55987

TI A convenient method for regioselective C-5 halogenation of 4(3H)-oxo-7H-pyrrolo[2,3-d]pyrimidines

AU Barnett, Charles J.; Kobierski, Michael E.

CS Lilly Res. Labs., Lilly Corp. Cent., Indianapolis, IN, 46285-4813, USA

SO J. Heterocycl. Chem. (1994), 31(5), 1181-3

CODEN: JHTCAD; ISSN: 0022-152X

DT Journal

LA English

OS CASREACT 122:55987

L5 ANSWER 71 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1995:9117 CAPLUS

DN 122:208530

TI Evidence that total substitution of adenine with 7-deazaadenine in the HDV antigenomic ribozyme changes the kinetics of RNA folding

AU Wieczorek, Ania; Dinter-Gottlieb, Gail; Gottlieb, Philip A.

CS Dep. Biosci. Biotechnol., Drexel Univ., Philadelphia, PA, 19104, USA

SO Bioorg. Med. Chem. Lett. (1994), 4(8), 987-94

CODEN: BMCLE8; ISSN: 0960-894X

DT Journal

LA English

L5 ANSWER 72 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1994:711784 CAPLUS

DN 121:311784

TI Composition for developing a black-and-white silver halide photographic light-sensitive material.

IN Ishikawa, Wataru; Sanpei, Takeshi; Kato, Mariko

PA Konica Corp., Japan

SO Eur. Pat. Appl., 41 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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V. Balasubramanian

PI	EP 601503	A2	19940615	EP 1993-119560	19931204
	EP 601503	A3	19940706		
	EP 601503	B1	20000607		
	R: DE, FR, GB, IT				
	JP 06175302	A2	19940624	JP 1992-329601	19921209
	JP 06186691	A2	19940708	JP 1992-342765	19921222
	JP 06258783	A2	19940916	JP 1993-45345	19930305
	US 5508153	A	19960416	US 1995-380147	19950127
PRAI	JP 1992-329601	19921209			
	JP 1992-342765	19921222			
	JP 1993-45345	19930305			
	US 1993-159847	19931201			
OS	MARPAT 121:311784				

L5 ANSWER 73 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1994:658245 CAPLUS

DN 121:258245

TI DNA sequencing by mass spectrometry

IN Koester, Hubert

PA USA

SO PCT Int. Appl., 94 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 5

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9416101	A2	19940721	WO 1994-US193	19940106
	WO 9416101	A3	19941124		
	W: AU, CA, CN, JP, RU				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	CA 2153387	AA	19940721	CA 1994-2153387	19940106
	AU 9459929	A1	19940815	AU 1994-59929	19940106
	AU 694940	B2	19980806		
	EP 679196	A1	19951102	EP 1994-906047	19940106
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
	JP 08509857	T2	19961022	JP 1994-516209	19940106
	AU 9891379	A1	19990114	AU 1998-91379	19981106
PRAI	US 1993-1323	19930107			
	AU 1994-59929	19940106			
	WO 1994-US193	19940106			

L5 ANSWER 74 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1994:436199 CAPLUS

DN 121:36199

TI Preparation of N-[pyrrolo[2,3-d]pyrimidin-3-ylacetyl]glutamates as neoplasm inhibitors

IN Taylor, Edward C.; Kuhnt, Dietmar G.; Shih, Chuan; Grindey, Gerald B.

PA Princeton University, USA

SO U.S., 9 pp. Cont.-in-part of U.S. Ser. No. 674,541.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5248775	A	19930928	US 1992-830111	19920131

V. Balasubramanian

	US 5028608	A	19910702	US 1990-528155	19900524
	CN 1055182	A	19911009	CN 1990-110125	19901211
	CN 1030608	B	19960103		
	US 5344932	A	19940906	US 1991-674541	19910322
PRAI	US 1989-448742		19891211		
	US 1990-528155		19900524		
	US 1991-674541		19910322		
	US 1991-686119		19910415		
	US 1990-479655		19900208		
OS	MARPAT 121:36199				
L5	ANSWER 75 OF 175 CAPLUS COPYRIGHT 2000 ACS				
AN	1994:409933 CAPLUS				
DN	121:9933				
TI	Stereoselective glycosylation process				
IN	Chou, Ta Sen; Poteet, Laurie Michelle; Kjell, Douglas Patton; Grossman, Cora Sue; Hertel, Larry Wayne; Holmes, Richard Elmer; Jones, Charles David; Mabry, Thomas Edward				
PA	Lilly, Eli, and Co., USA				
SO	Eur. Pat. Appl., 49 pp.				
	CODEN: EPXXDW				
DT	Patent				
LA	English				
FAN.CNT	8				
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	EP 577303	A1	19940105	EP 1993-304817	19930621
	EP 577303	B1	19971001		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
	US 5371210	A	19941206	US 1992-902312	19920622
	US 5401838	A	19950328	US 1993-44343	19930407
	US 5426183	A	19950620	US 1993-44312	19930407
	US 5594124	A	19970114	US 1993-44345	19930407
	US 5821357	A	19981013	US 1993-44996	19930407
PRAI	US 1992-902112		19920622		
	US 1992-902135		19920622		
	US 1992-902150		19920622		
	US 1992-902302		19920622		
	US 1992-902312		19920622		
	US 1992-902313		19920622		
	US 1993-44309		19930407		
	US 1993-44312		19930407		
	US 1993-44315		19930407		
	US 1993-44343		19930407		
	US 1993-44345		19930407		
	US 1993-44996		19930407		
OS	CASREACT 121:9933; MARPAT 121:9933				
L5	ANSWER 76 OF 175 CAPLUS COPYRIGHT 2000 ACS				
AN	1994:323513 CAPLUS				
DN	120:323513				
TI	New 4-amino-7,8-dimethoxy-5H-pyrimido[5,4-b]indole derivatives: synthesis and studies as inhibitors of phosphodiesterases				
AU	Monge, Antonio; Martinez-Crespo, Francisco J.; Aranzazu Villanueva, Maria; Font, Maria; Santiago, Esteban; Martinez de Irujo, Juan J.; Alberdi, Elena; Lopez-Unzu, Maria Jose; Cenarruzabeitia, Edurne; et al.				
CS	Cent. Invest. Appl. Pharmacobiol., Univ. Navarre, Pamplona, 31080, Spain				
SO	Arch. Pharm. (Weinheim, Ger.) (1993), 326(11), 879-85				

CODEN: ARPMAS; ISSN: 0365-6233
DT Journal
LA English

L5 ANSWER 77 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1994:31113 CAPLUS
DN 120:31113
TI Synthesis and biological effects of N-(2-phosphonomethoxyethyl)
derivatives of deazapurine bases
AU Dvorakova, Hana; Holy, Antonin
CS Inst. Org. Chem. Biochem., Acad. Sci. Czech Repub., Prague, 166 10, Czech
Rep.
SO Collect. Czech. Chem. Commun. (1993), 58(6), 1419-29
CODEN: CCCCAK; ISSN: 0010-0765
DT Journal
LA English

L5 ANSWER 78 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1994:8904 CAPLUS
DN 120:8904
TI A practical synthesis of the antibiotic toyocamycin
AU Sharma, Moheshwar; Bloch, Alexander; Bobek, Miroslav
CS Dep. Exp. Ther., Roswell Park Cancer Inst., Buffalo, NY, 14263, USA
SO Nucleosides Nucleotides (1993), 12(6), 643-8
CODEN: NUNUD5; ISSN: 0732-8311
DT Journal
LA English
OS CASREACT 120:8904

L5 ANSWER 79 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1994:8612 CAPLUS
DN 120:8612
TI Regioselective halogenation process for the synthesis of
4-hydroxy-5-halopyrrolo[2,3-d]pyrimidines
IN Barnett, Charles J.; Kobierski, Michael E.
PA Lilly, Eli, and Co., USA
SO U.S., 6 pp.
CODEN: USXXAM
DT Patent
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	US 5235053	A	19930810	US 1992-902116	19920622
	CA 2098694	AA	19931223	CA 1993-2098694	19930617
	EP 576211	A2	19931229	EP 1993-304733	19930617
	EP 576211	A3	19940615		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
	IL 106054	A1	19970713	IL 1993-106054	19930617
	IL 119053	A1	19981206	IL 1993-119053	19930617
	BR 9302432	A	19940111	BR 1993-2432	19930621
	JP 06056838	A2	19940301	JP 1993-149141	19930621
	HU 65439	A2	19940628	HU 1993-1829	19930621
PRAI	US 1992-902116		19920622		
	IL 1993-106054		19930617		
OS	CASREACT 120:8612; MARPAT 120:8612				

L5 ANSWER 80 OF 175 CAPLUS COPYRIGHT 2000 ACS

V. Balasubramanian

AN 1993:650354 CAPLUS
DN 119:250354
TI Synthesis and biological effects of 9-(3-hydroxy-2-phosphonomethoxypropyl)
derivatives of deazapurine bases
AU Dvorakova, Hana; Holy, Antonin; Alexander, Petr
CS Inst. Org. Chem. Biochem., Acad. Sci. the Czech Repub., Prague, 166 10,
Czech Rep.
SO Collect. Czech. Chem. Commun. (1993), 58(6), 1403-18
CODEN: CCCCAK; ISSN: 0010-0765
DT Journal
LA English

L5 ANSWER 81 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1993:524821 CAPLUS

DN 119:124821

TI Preparation for promoting hair growth

IN Hanada, Seigo; Yamamoto, Shinji

PA Sansho Seiyaku Co., Ltd., Japan

SO Eur. Pat. Appl., 36 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	EP 540854	A2	19930512	EP 1992-115434	19920909
	EP 540854	A3	19930728		
	EP 540854	B1	19980121		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
	JP 05320028	A2	19931203	JP 1992-214405	19920811
	JP 2636118	B2	19970730		
	AU 9222817	A1	19830311	AU 1992-22817	19920907
	AU 659861	B2	19950601		
	NO 9203503	A	19930311	NO 1992-3503	19920909
	CA 2077850	AA	19930311	CA 1992-2077850	19920909
	AT 162394	E	19980215	AT 1992-115434	19920909
	ES 2114900	T3	19980616	ES 1992-115434	19920909
	US 5656264	A	19970812	US 1995-394217	19950224
PRAI	JP 1991-230630		19910910		
	JP 1992-214405		19920811		
	JP 1991-220630		19910910		
	US 1992-942188		19920909		
	US 1993-104608		19930811		
OS	MARPAT 119:124821				

L5 ANSWER 82 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1993:517713 CAPLUS

DN 119:117713

TI Synthesis and biological effects of acyclic analogs of deazapurine
nucleosides

AU Dvorakova, Hana; Holy, Antonin; Votruba, Ivan; Masojidkova, Milena

CS Inst. Org. Chem. Biochem., Acad. Sci. Czech Republic, Prague, 166 10,
Czech.

SO Collect. Czech. Chem. Commun. (1993), 58(3), 629-48

CODEN: CCCCAK; ISSN: 0010-0765

DT Journal

LA English

V. Balasubramanian

L5 ANSWER 83 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1992:236073 CAPLUS

DN 116:236073

TI A synthesis and an x-ray analysis of 2'-C-, 3'-C- and 5'-C-methylsangivamycins

AU Murai, Yasushi; Shiroto, Hironori; Ishizaki, Tatsuya; Iimori, Takamasa; Kodama, Yoshio; Ohtsuka, Yasuo; Oishi, Takeshi

CS Fac. Eng., Yokohama Natl. Univ., Yokohama, 240, Japan

SO Heterocycles (1992), 33(1), 391-404

CODEN: HTCYAM; ISSN: 0385-5414

DT Journal

LA English

L5 ANSWER 84 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1992:194259 CAPLUS

DN 116:194259

TI Pyrimido[1,6-a]benzimidazoles: a new class of DNA gyrase inhibitors

AU Hubschwerlen, C.; Pflieger, P.; Specklin, J. L.; Gubernator, K.; Gmuender, H.; Angehrn, P.; Kompis, I.

CS Pharma Div., F. Hoffmann-La Roche Ltd., Basel, CH-4002, Switz.

SO J. Med. Chem. (1992), 35(8), 1385-92

CODEN: JMCMAR; ISSN: 0022-2623

DT Journal

LA English

L5 ANSWER 85 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1991:673666 CAPLUS

DN 115:273666

TI Ethidium bromide does not fluoresce when intercalated adjacent to 7-deazaguanine in duplex DNA

AU Latimer, Laura J. P.; Lee, Jeremy S.

CS Dep. Biochem., Univ. Saskatchewan, Saskatoon, SK, S7N 0W0, Can.

SO J. Biol. Chem. (1991), 266(21), 13849-51

CODEN: JBCHA3; ISSN: 0021-9258

DT Journal

LA English

L5 ANSWER 86 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1991:656638 CAPLUS

DN 115:256638

TI Preparation of N-(pyrrolo[2,3-d]pyrimidin-3-ylacetyl)glutamic acid derivatives as neoplasm inhibitors

IN Taylor, Edward C.; Kuhnt, Dietmar G.; Shih, Chuan; Grindey, Gerald B.

PA Princeton University, USA

SO Eur. Pat. Appl., 28 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 432677	A1	19910619	EP 1990-123671	19901210
	EP 432677	B1	19960306		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
	US 4996206	A	19910226	US 1990-528805	19900524
	US 5028608	A	19910702	US 1990-528155	19900524
	CN 1055182	A	19911009	CN 1990-110125	19901211
	CN 1030608	B	19960103		

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PRAI US 1989-448742 19891211
US 1990-479655 19900208
US 1990-528155 19900524
US 1990-528805 19900524
OS MARPAT 115:256638

L5 ANSWER 87 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1991:632873 CAPLUS
DN 115:232873
TI Preparation of [(heterocyclylpropyl)aroyl]glutamates as antitumor agents
IN Akimoto, Hiroshi; Hitaka, Takenori
PA Takeda Chemical Industries, Ltd., Japan
SO Eur. Pat. Appl., 30 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 434426	A1	19910626	EP 1990-314017	19901220
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
	CA 2032695	AA	19910621	CA 1990-2032695	19901219
	JP 04117381	A2	19920417	JP 1990-413388	19901220
	US 5496822	A	19960305	US 1994-308500	19940921
PRAI	JP 1989-332110		19891220		
	US 1990-630984		19901220		
	US 1992-990370		19921215		
	US 1994-219735		19940329		
OS	MARPAT 115:232873				

L5 ANSWER 88 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1991:608603 CAPLUS
DN 115:208603
TI Preparation of N-[(pyrrolopyrimidinyl)alkyl]benzoyl]glutamates and
analogs as antitumor agents
IN Akimoto, Hiroshi; Ootsu, Koichiro
PA Takeda Chemical Industries, Ltd., Japan
SO Eur. Pat. Appl., 34 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 438261	A2	19910724	EP 1991-300266	19910115
	EP 438261	A3	19920226		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
	CA 2034292	AA	19910717	CA 1991-2034292	19910116
	JP 05078362	A2	19930330	JP 1991-196173	19910116
PRAI	JP 1990-7962		19900116		
OS	MARPAT 115:208603				

L5 ANSWER 89 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1991:583951 CAPLUS
DN 115:183951
TI Preparation of N-(pyrrolo[2,3-d]pyrimidin-3-ylacetyl)glutamic acid
derivatives as anticancer agents
IN Taylor, Edward C.; Kuhnt, Dietmar G.; Shih, Chuan; Grindey, Gerald B.

V. Balasubramanian

PA Princeton University, USA
SO U.S., 8 pp. Cont.-in-part of U.S. Ser. No. 448,742, abandoned.
CODEN: USXXAM

DT Patent

LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	US 4996206	A	19910226	US 1990-528805	19900524
	ZA 9009631	A	19911030	ZA 1990-9631	19901130
	IL 96531	A1	19950831	IL 1990-96531	19901204
	AU 9067791	A1	19910613	AU 1990-67791	19901205
	AU 640182	B2	19930819		
	CA 2031890	AA	19910612	CA 1990-2031890	19901210
	EP 432677	A1	19910619	EP 1990-123671	19901210
	EP 432677	B1	19960306		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
	HU 58335	A2	19920228	HU 1990-8147	19901210
	AT 135007	E	19960315	AT 1990-123671	19901210
	ES 2084639	T3	19960516	ES 1990-123671	19901210
	JP 08003166	A2	19960109	JP 1990-409992	19901211
	JP 3016876	B2	20000306		
	RU 2057131	C1	19960327	RU 1991-4894454	19910207

PRAI US 1989-448742 19891211
US 1990-479655 19900208
US 1990-528155 19900524
US 1990-528805 19900524

OS MARPAT 115:183951

L5 ANSWER 90 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1991:492692 CAPLUS

DN 115:92692

TI 5-Vinyl-4-pentynoic acids through the palladium-catalyzed reaction of
4-pentynoic acid with vinyl triflates

AU Arcadi, Antonio; Cacchi, Sandro; Delmastro, Monica; Marinella, Fabio
CS Dip. Chim., Ing. Chim. Mater., Univ. L'Aquila, L'Aquila, I-67100, Italy

SO Synlett (1991), (6), 409-11

CODEN: SYNLES; ISSN: 0936-5214

DT Journal

LA English

OS CASREACT 115:92692

L5 ANSWER 91 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1991:487836 CAPLUS

DN 115:87836

TI Nuclear resistance in oligonucleotides with modified bases of
phosphodiester bonds

IN Brakel, Christine L.; Wetmur, James G.; Quartin, Robin S.

PA Enzo Biochem, Inc., USA

SO Eur. Pat. Appl., 12 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	EP 431523	A2	19910612	EP 1990-123109	19901203
	EP 431523	A3	19910925		

V. Balasubramanian

R: DE, FR, GB, IT
CA 2029273 AA 19910605 CA 1990-2029273 19901105
JP 03190895 A2 19910820 JP 1990-315714 19901122
PRAI US 1989-446235 19891204

L5 ANSWER 92 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1991:467221 CAPLUS
DN 115:67221
TI Purification and characterization of 5'-deoxy-5'-methylthioadenosine (MTA) phosphorylase from human liver
AU Toorchen, David; Miller, Richard L.
CS Wellcome Res. Lab., Research Triangle Park, NC, 27709, USA
SO Biochem. Pharmacol. (1991), 41(12), 2023-30
CODEN: BCPA6; ISSN: 0006-2952
DT Journal
LA English

L5 ANSWER 93 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1991:443548 CAPLUS
DN 115:43548
TI Site-specific mutagenesis of double-stranded plasmid DNA
IN Eckstein, Fritz; Olsen, David
PA Max-Planck-Gesellschaft zur Foerderung der Wissenschaften e.V., Fed. Rep. Ger.
SO Ger., 9 pp.
CODEN: GWXXAW
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 3936258	C1	19910425	DE 1989-3936258	19891031
	WO 9106645	A1	19910516	WO 1990-EP1939	19901030
	W: JP, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE				
PRAI	DE 1989-3936258		19891031		

L5 ANSWER 94 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1991:408713 CAPLUS
DN 115:8713
TI Synthesis and biological activity of derivatives of pyrano[4',3':4,5]pyrrolo[2,3-d]pyrimidines
AU Paronikyan, E. G.; Noravyan, A. S.; Arsenyan, F. G.; Akopyan, V. A.
CS Inst. Tonkoi Org. Khim. im. Mndzhoyana, Yerevan, USSR
SO Arm. Khim. Zh. (1990), 43(9), 576-81
CODEN: AYKZAN; ISSN: 0515-9628
DT Journal
LA Russian

L5 ANSWER 95 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1991:400771 CAPLUS
DN 115:771
TI Preparation of acyclic pyrrolo(2,3-d)pyrimidine nucleoside analogs as antiviral agents
IN Townsend, Leroy B.; Drach, John G.; Shipman, Charles, Jr.; Pudlo, Jeffrey S.
PA University of Michigan, USA
SO U.S., 19 pp. Cont.-in-part of U.S. Ser. No. 179,081.

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CODEN: USXXAM
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 4968686	A	19901106	US 1989-369262	19890621
	US 4927830	A	19900522	US 1988-179081	19880408
	US 36187	E	19990406	US 1994-287290	19940805
PRAI	US 1988-179081	19880408			
	US 1989-369262	19890621			
OS	MARPAT 115:771				

L5 ANSWER 96 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1991:122950 CAPLUS
DN 114:122950
TI Synthesis of pyrrolo[2,3-d]pyrimidine ribosides and their potential in
chemotherapeutics
AU Eger, Kurt; Grieb, Gerlinde; Spaetling, Sabine
CS Pharm. Inst., Univ. Tuebingen, Tuebingen, D-7400, Fed. Rep. Ger.
SO J. Heterocycl. Chem. (1990), 27(7), 2069-75
CODEN: JHTCAD; ISSN: 0022-152X
DT Journal
LA English

L5 ANSWER 97 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1990:611696 CAPLUS
DN 113:211696
TI 7-Deaza-2-phenyladenines: structure-activity relationships of potent A1
selective adenosine receptor antagonists
AU Mueller, Christa E.; Hide, Izumi; Daly, John W.; Rothenhaeusler, Klaus;
Eger, Kurt
CS Lab. Bioorg. Chem., Natl. Inst. Diabetes, Dig. Kidney Dis., Bethesda, MD,
20892, USA
SO J. Med. Chem. (1990), 33(10), 2822-8
CODEN: JMCMAR; ISSN: 0022-2623
DT Journal
LA English

L5 ANSWER 98 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1990:571785 CAPLUS
DN 113:171785
TI Preparation of 7-[(2-hydroxyethoxy)methyl]pyrrolo[2,3-d]pyrimidines and
analogs as antiviral agents
IN Townsend, Leroy B.; Drach, John C.
PA University of Michigan, USA
SO U.S., 14 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 4927830	A	19900522	US 1988-179081	19880408
	US 4968686	A	19901106	US 1989-369262	19890621
	US 36187	E	19990406	US 1994-287290	19940805
PRAI	US 1988-179081	19880408			
	US 1989-369262	19890621			

OS MARPAT 113:171785

L5 ANSWER 99 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1990:406731 CAPLUS

DN 113:6731

TI Facile synthesis of pyrrolo[2,3-d]pyrimidine and pyrrolo[3,2-c]pyridine 2',3'-dideoxyribonucleosides via nucleobase anion glycosylation with 2,3-dideoxy-D-glyceropentofuranosyl chloride

AU Seela, F.; Bourgeois, W.; Muth, H. P.; Rosemeyer, H.

CS Lab. Org. Bioorg. Chem., Univ. Osnabrueck, Osnabrueck, D-4500, Fed. Rep. Ger.

SO Heterocycles (1989), 29(11), 2193-7

CODEN: HTCYAM; ISSN: 0385-5414

DT Journal

LA English

OS CASREACT 113:6731

L5 ANSWER 100 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1990:191415 CAPLUS

DN 112:191415

TI MTA phosphorylase in protozoa: a potential target for chemotherapeutic attack

AU Miller, Richard L.; Toorchen, David P.

CS Wellcome Res. Lab., Research Triangle Park, NC, 27709, USA

SO Adv. Exp. Med. Biol. (1988), 250(Prog. Polyamine Res.), 211-18

CODEN: AEMBAP; ISSN: 0065-2598

DT Journal

LA English

L5 ANSWER 101 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1990:155489 CAPLUS

DN 112:155489

TI The isolation and structure of modified bioactive nucleosides from Jaspis johnstoni

AU Zabriskie, T. Mark; Ireland, Chris M.

CS Dep. Med. Chem., Univ. Utah, Salt Lake City, UT, 84112, USA

SO J. Nat. Prod. (1989), 52(6), 1353-6

CODEN: JNPRDF; ISSN: 0163-3864

DT Journal

LA English

L5 ANSWER 102 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1990:119321 CAPLUS

DN 112:119321

TI 2'-Deoxy-.beta.-D-ribofuranosides of N6-methylated 7-deazaadenine and 8-aza-7-deazaadenine: solid-phase synthesis of oligodeoxyribonucleotides and properties of self-complementary duplexes

AU Seela, Frank; Kaiser, Klaus; Bindig, Uwe

CS Lab. Org. Bioorg. Chem., Univ. Osnabrueck, Osnabrueck, D-4500, Fed. Rep. Ger.

SO Helv. Chim. Acta (1989), 72(5), 868-81

CODEN: HCACAV; ISSN: 0018-019X

DT Journal

LA English

OS CASREACT 112:119321

L5 ANSWER 103 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1989:457664 CAPLUS

- DN 111:57664
TI Synthesis of 6,7-dimethoxypyrimido[4,5-b]indoles as potential antihypertensive agents
AU Venugopalan, B.; Desai, P. D.; De Souza, N. J.
CS Res. Cent., Hoechst India Ltd., Bombay, 400 080, India
SO J. Heterocycl. Chem. (1988), 25(6), 1633-9
CODEN: JHTCAD; ISSN: 0022-152X
DT Journal
LA English
OS CASREACT 111:57664
- L5 ANSWER 104 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1989:439290 CAPLUS
DN 111:39290
TI Synthesis and biological activity of pyrrolo[2,3-d]pyrimidines
AU Dave, Chaitanya G.; Shah, P. R.; Upadhyaya, S. P.; Gandhi, T. P.; Patel, R. B.
CS Dep. Chem., St. Xavier's Coll., Ahmedabad, 380 009, India
SO Indian J. Chem., Sect. B (1988), 27B(8), 778-80
CODEN: IJSBDB; ISSN: 0376-4699
DT Journal
LA English
OS CASREACT 111:39290
- L5 ANSWER 105 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1989:423875 CAPLUS
DN 111:23875
TI Synthesis, cytotoxicity, and antiviral activity of certain 7-[(2-hydroxyethoxy)methyl]pyrrolo[2,3-d]pyrimidine nucleosides related to toyocamycin and sangivamycin
AU Gupta, Pranab K.; Nassiri, M. Reza; Coleman, Lisa A.; Wotring, Linda L.; Drach, John C.; Townsend, Leroy B.
CS Coll. Pharm., Univ. Michigan, Ann Arbor, MI, 48109-1065, USA
SO J. Med. Chem. (1989), 32(7), 1420-5
CODEN: JMCMAR; ISSN: 0022-2623
DT Journal
LA English
OS CASREACT 111:23875
- L5 ANSWER 106 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1989:419945 CAPLUS
DN 111:19945
TI Pyrrolo[2,3-d]pyrimidines as inhibitors of cAMP-phosphodiesterase. Structure-activity relationship
AU Klumpp, Susanne; Frey, Martina; Kleefeld, Gertrud; Sauer, Armin; Eger, Kurt
CS Pharm. Inst., Univ. Pharm. Chem., Tuebingen, D-7400, Fed. Rep. Ger.
SO Biochem. Pharmacol. (1989), 38(6), 949-53
CODEN: BCPCA6; ISSN: 0006-2952
DT Journal
LA English
- L5 ANSWER 107 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1989:193293 CAPLUS
DN 110:193293
TI Stereoselective synthesis of pyrrolo[2,3-d]pyrimidine .alpha.- and .beta.-D-ribonucleosides from anomerically pure D-ribofuranosyl chlorides. Solid-liquid phase-transfer glycosylation and nitrogen-15 NMR spectra

V. Balasubramanian

AU Rosemeyer, Helmut; Seela, Frank
CS Fachbereich Biol./Chem., Univ. Osnabrueck, Osnabrueck, D-4500, Fed. Rep. Ger.
SO Helv. Chim. Acta (1988), 71(6), 1573-85
CODEN: HCACAV; ISSN: 0018-019X
DT Journal
LA English
OS CASREACT 110:193293

L5 ANSWER 108 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1989:71466 CAPLUS
DN 110:71466
TI Mismatch-containing oligonucleotide duplexes bound by the E. coli mutS-encoded protein

AU Jiricny, Josef; Su, Shin San; Wood, Steven G.; Modrich, Paul
CS Friedrich Miescher Inst., Basel, CH-4002, Switz.
SO Nucleic Acids Res. (1988), 16(16), 7843-53
CODEN: NARHAD; ISSN: 0305-1048
DT Journal
LA English

L5 ANSWER 109 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1989:57996 CAPLUS
DN 110:57996
TI Synthesis, cytotoxicity, and antiviral activity of some acyclic analogs of the pyrrolo[2,3-d]pyrimidine nucleoside antibiotics tubercidin, toyocamycin, and sangivamycin
AU Gupta, Pranab K.; Daunert, Sylvia; Nassiri, M. Reza; Wotring, Linda L.; Drach, John C.; Townsend, Leroy B.
CS Coll. Pharm., Univ. Michigan, Ann Arbor, MI, 48109-1065, USA
SO J. Med. Chem. (1989), 32(2), 402-8
CODEN: JMCMAR; ISSN: 0022-2623
DT Journal
LA English
OS CASREACT 110:57996

L5 ANSWER 110 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1988:621932 CAPLUS
DN 109:221932
TI 7-Deaza-9-phenyladenines. A new class of adenosine receptor antagonists
AU Daly, John W.; Padgett, William L.; Eger, Kurt
CS Lab. Bioorg. Chem., Natl. Inst. Diabetes, Dig. Kidney Dis., Bethesda, MD, 20892, USA
SO Biochem. Pharmacol. (1988), 37(19), 3749-53
CODEN: BCPA6; ISSN: 0006-2952
DT Journal
LA English

L5 ANSWER 111 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1987:419783 CAPLUS
DN 107:19783
TI Trypanosoma cruzi adenine nucleoside phosphorylase. Purification and substrate specificity
AU Miller, Richard L.; Sabourin, Carol L. K.; Krenitsky, Thomas A.
CS Wellcome Res. Lab., Burroughs Wellcome Co., Research Triangle Park, NC, 27709, USA
SO Biochem. Pharmacol. (1987), 36(4), 553-60
CODEN: BCPA6; ISSN: 0006-2952

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DT Journal
LA English

L5 ANSWER 112 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1987:84629 CAPLUS
DN 106:84629
TI Pharmacologically active pyrimido[4,5-b]indoles and their salts
PA Hoechst India Ltd., India
SO Indian, 32 pp.
CODEN: INXXAP

DT Patent
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	IN 157280	A	19860222	IN 1983-BO226	19830715

L5 ANSWER 113 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1987:5075 CAPLUS
DN 106:5075
TI Cardioactive heterocyclic aryloxypropanolamines
IN Wiedemann, Fritz; Kampe, Wolfgang; Dietmann, Deceased Karl; Sponer, Gisbert
PA Boehringer Mannheim G.m.b.H., Fed. Rep. Ger.
SO U.S., 18 pp. Cont.-in-part of U.S. 4,438,128.
CODEN: USXXAM

DT Patent
LA English

FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	US 4608383	A	19860826	US 1983-538693	19831003
	DE 3023369	A1	19820114	DE 1980-3023369	19800623
	US 4438128	A	19840320	US 1981-273543	19810615
PRAI	DE 1980-3023369		19800623		
	US 1981-273543		19810615		

L5 ANSWER 114 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1986:572397 CAPLUS
DN 105:172397
TI Synthesis of 7-unsubstituted 7H-pyrrolo[2,3-d]pyrimidines
AU Pichler, Herbert; Folkers, Gerd; Roth, Hermann J.; Eger, Kurt
CS Pharm. Inst., Univ. Bonn, Bonn, D-5300, Fed. Rep. Ger.
SO Liebig's Ann. Chem. (1986), (9), 1485-505
CODEN: LACHDL; ISSN: 0170-2041

DT Journal
LA German

OS CASREACT 105:172397

L5 ANSWER 115 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1986:443251 CAPLUS
DN 105:43251
TI Furanoside-pyranoside isomerization of tubercidin and its 2'-deoxy derivatives: influence of nucleobase and sugar structure on the proton-catalyzed reaction
AU Seela, Frank; Menkhoff, Sabine; Behrendt, Silvia
CS Lab. Org. Bioorg. Chem., Univ. Osnabrueck, Osnabrueck, D-4500, Fed. Rep. Ger.

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SO J. Chem. Soc., Perkin Trans. 2 (1986), (4), 525-30
CODEN: JCPKBH; ISSN: 0300-9580
DT Journal
LA English
OS CASREACT 105:43251

L5 ANSWER 116 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1986:164169 CAPLUS
DN 104:164169
TI Inhibition of vaccinia RNA guanine 7-methyltransferase by compounds
designed as multisubstrate adducts
AU Benghiat, Eric; Crooks, Peter A.; Goodwin, Raymond; Rottman, Fritz
CS Coll. Pharm., Univ. Kentucky, Lexington, KY, 40536, USA
SO J. Pharm. Sci. (1986), 75(2), 142-5
CODEN: JPMSAE; ISSN: 0022-3549
DT Journal
LA English

L5 ANSWER 117 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1986:109570 CAPLUS
DN 104:109570
TI Phosphorus pentoxide in organic synthesis. XX. Synthesis of
N-aryl-7H-pyrrolo[2,3-d]pyrimidin-4-amines
AU Joergensen, Anker; El-Bayouki, Khairy A. M.; Pedersen, Erik B.
CS Dep. Chem., Odense Univ., Odense, DK-5230, Den.
SO J. Heterocycl. Chem. (1985), 22(3), 859-63
CODEN: JHTCAD; ISSN: 0022-152X
DT Journal
LA English
OS CASREACT 104:109570

L5 ANSWER 118 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1986:47662 CAPLUS
DN 104:47662
TI Purine analog inhibitors of xanthine oxidase - structure activity
relationships and proposed binding of the molybdenum cofactor
AU Robins, Roland K.; Revankar, Ganapathi R.; O'Brien, Darrell E.; Springer,
Robert H.; Novinson, Thomas; Albert, Anthony; Senga, Keitaro; Miller, Jon
P.; Streeter, David G.
CS Cancer Res. Cent., Brigham Young Univ., Provo, UT, 84602, USA
SO J. Heterocycl. Chem. (1985), 22(3), 601-34
CODEN: JHTCAD; ISSN: 0022-152X
DT Journal
LA English

L5 ANSWER 119 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1985:523237 CAPLUS
DN 103:123237
TI Synthesis of 7-deazatriacanthine and restricted rotation of amino groups
in pyrrolo[2,3-d]pyrimidines
AU Seela, Frank; Bussmann, Werner
CS Dep. Chem., Univ. Paderborn, Paderborn, D-4790, Fed. Rep. Ger.
SO Nucleosides Nucleotides (1984), 3(2), 195-206
CODEN: NUNUD5; ISSN: 0732-8311
DT Journal
LA English

L5 ANSWER 120 OF 175 CAPLUS COPYRIGHT 2000 ACS

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AN 1985:515763 CAPLUS
DN 103:115763
TI Action of tubercidin and other adenosine analogs on *Schistosoma mansoni* schistosomules
AU Dovey, Harry F.; McKerrow, James H.; Wang, Ching C.
CS Dep. Pharm. Chem., Univ. California, San Francisco, CA, 94143, USA
SO Mol. Biochem. Parasitol. (1985), 16(2), 185-98
CODEN: MBIPDP; ISSN: 0166-6851
DT Journal
LA English

L5 ANSWER 121 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1985:464160 CAPLUS
DN 103:64160
TI Pharmacological studies on adenosine analogs isolated from marine organisms
AU Davies, Les. P.
CS Res. Sch. Biol. Sci., Australian Natl. Univ., Canberra, 2601, Australia
SO Trends Pharmacol. Sci. (1985), 6(4), 143-6
CODEN: TPHSDY; ISSN: 0165-6147
DT Journal; General Review
LA English

L5 ANSWER 122 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1985:132411 CAPLUS
DN 102:132411
TI Synthesis and biological activity of a novel adenosine analog 3-.beta.-D-ribofuranosylthieno[2,3-d]pyrimidin-4-one
AU Patil, Vemanna D.; Wise, Dean S.; Wotring, Linda L.; Bloomer, Linda C.; Townsend, Leroy B.
CS Coll. Pharm., Univ. Michigan, Ann Arbor, MI, 48109-1065, USA
SO J. Med. Chem. (1985), 28(4), 423-7
CODEN: JMCMAR; ISSN: 0022-2623
DT Journal
LA English
OS CASREACT 102:132411

L5 ANSWER 123 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1985:127759 CAPLUS
DN 102:127759
TI Synthesis of deoxyoligonucleotides containing 7-deazaadenine: recognition and cleavage by restriction endonuclease Bgl II and Sau 3AI. Nucleosides and nucleotides. Part 55
AU Ono, Akira; Sato, Masayuki; Ohtani, Yutaka; Ueda, Tohru
CS Fac. Pharm. Sci., Hokkaido Univ., Sapporo, 060, Japan
SO Nucleic Acids Res. (1984), 12(23), 8939-49
CODEN: NARHAD; ISSN: 0305-1048
DT Journal
LA English

L5 ANSWER 124 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1984:188438 CAPLUS
DN 100:188438
TI Modified labeled nucleotides and polynucleotides and methods of utilizing and detecting them
IN Engelhardt, Dean; Rabbani, Elazar; Kline, Stanley; Stavrianopoulos, Jannis G.; Kirtikar, Dollie
PA Enzo Biochem, Inc., USA

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SO Eur. Pat. Appl., 140 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 97373	A2	19840104	EP 1983-106112	19830622
	EP 97373	A3	19840606		
	EP 97373	B1	19921007		
	R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
	CA 1223831	A1	19870707	CA 1983-430882	19830621
	ES 523503	A1	19860916	ES 1983-523503	19830622
	IL 69051	A1	19880229	IL 1983-69051	19830622
	EP 285057	A2	19881005	EP 1988-104961	19830622
	EP 285057	A3	19901031		
	EP 285057	B1	19950301		
	R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
	EP 285058	A2	19881005	EP 1988-104962	19830622
	EP 285058	A3	19900926		
	R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
	EP 285950	A2	19881012	EP 1988-104964	19830622
	EP 285950	A3	19901107		
	R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
	EP 286898	A2	19881019	EP 1988-104963	19830622
	EP 286898	A3	19900808		
	EP 286898	B1	19980429		
	R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
	EP 302175	A2	19890208	EP 1988-104965	19830622
	EP 302175	A3	19901031		
	R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
	AT 81342	E	19921015	AT 1983-106112	19830622
	EP 618228	A1	19941005	EP 1994-105993	19830622
	R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
	AT 165605	E	19980515	AT 1988-104963	19830622
	DK 8302911	A	19831224	DK 1983-2911	19830623
	NO 8302292	A	19831227	NO 1983-2292	19830623
	AU 8316179	A1	19840105	AU 1983-16179	19830623
	AU 585199	B2	19890615		
	JP 59062600	A2	19840410	JP 1983-113599	19830623
	JP 10158294	A2	19980616	JP 1997-295889	19830623
	JP 11292892	A2	19991026	JP 1999-8415	19830623
	DK 8401306	A	19840229	DK 1984-1306	19840229
	DK 8401307	A	19840229	DK 1984-1307	19840229
	ES 539316	A1	19861001	ES 1985-539316	19850102
	ES 547320	A1	19860316	ES 1985-547320	19850926
	ES 547319	A1	19880416	ES 1985-547319	19850926
	AU 8941493	A1	19900104	AU 1989-41493	19890915
	US 5241060	A	19930831	US 1990-532704	19900604
	US 5260433	A	19931109	US 1990-567039	19900813
	JP 06234787	A2	19940823	JP 1993-177184	19930610
	JP 2760466	B2	19980528		
PRAI	US 1982-391440		19820623		
	EP 1983-106112		19830622		
	EP 1988-104961		19830622		
	DK 1983-2911		19830623		
	JP 1993-177184		19830623		
	JP 1997-295889		19830623		

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US 1984-674352 19841121
US 1988-140980 19880105

L5 ANSWER 125 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1984:185345 CAPLUS
DN 100:185345
TI Halogenated pyrrolopyrimidine analogs of adenosine from marine organisms:
pharmacological activities and potent inhibition of adenosine kinase
AU Davies, Les P.; Jamieson, Dana D.; Baird-Lambert, Judith A.; Kazlauskas,
Rymantas
CS Roche Res. Inst. Marine Pharmacol., Dee Why, Australia
SO Biochem. Pharmacol. (1984), 33(3), 347-55
CODEN: BCPCA6; ISSN: 0006-2952
DT Journal
LA English

L5 ANSWER 126 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1984:170571 CAPLUS
DN 100:170571
TI Substrate and inhibitor specificity of tRNA-guanine ribosyltransferase
AU Farkas, Walter R.; Jacobson, K. Bruce; Katze, Jon R.
CS Cent. Health Sci., Univ. Tennessee, Knoxville, TN, 37920, USA
SO Biochim. Biophys. Acta (1984), 781(1-2), 64-75
CODEN: BBACAQ; ISSN: 0006-3002
DT Journal
LA English

L5 ANSWER 127 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1984:7039 CAPLUS
DN 100:7039
TI ara-7-Deazanebularine - synthesis of a fluorescent pyrrolo[2,3-
d]pyrimidine nucleoside by phase-transfer glycosylation
AU Seela, Frank; Steker, Herbert
CS Fachbereich. Naturwiss. II, Univ. Paderborn, Paderborn, D-4790, Fed. Rep.
Ger.
SO Liebig's Ann. Chem. (1983), (9), 1576-87
CODEN: LACHDL; ISSN: 0170-2041
DT Journal
LA German

L5 ANSWER 128 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1983:558765 CAPLUS
DN 99:158765
TI Synthesis of S-5-pyrrolo[2,3-b]pyridinemethyl and S-5- and
S-6-pyrrolo[2,3-d]pyrimidinemethyl derivatives of 5'-deoxy-5'-
thioadenosine
AU Benghiat, Eric; Crooks, Peter A.
CS Coll. Pharm., Univ. Kentucky, Lexington, KY, 40536-0053, USA
SO J. Heterocycl. Chem. (1983), 20(3), 677-9
CODEN: JHTCAD; ISSN: 0022-152X
DT Journal
LA English

L5 ANSWER 129 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1983:554371 CAPLUS
DN 99:154371
TI Methylated 7-deazahypoxanthines as regiochemical probes of xanthine
oxidase

V. Balasubramanian

AU Rosemeyer, Helmut; Seela, Frank
CS Dep. Chem., Univ. Paderborn, Paderborn, D-4790, Fed. Rep. Ger.
SO Eur. J. Biochem. (1983), 134(3), 513-15
CODEN: EJBCAI; ISSN: 0014-2956
DT Journal
LA English

L5 ANSWER 130 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1983:140811 CAPLUS
DN 98:140811
TI Halogenated pyrrolo[2,3-d]pyrimidine nucleosides from marine organisms
AU Kazlauskas, Rymantas; Murphy, Peter T.; Wells, Robert J.; Baird-Lambert, Judith A.; Jamieson, Dana D.
CS Chem. Sect., Roche Res. Inst. Mar. Pharmacol., Dee Why, 2099, Australia
SO Aust. J. Chem. (1983), 36(1), 165-70
CODEN: AJCHAS; ISSN: 0004-9425
DT Journal
LA English

L5 ANSWER 131 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1983:122799 CAPLUS
DN 98:122799
TI Conformational analysis of cytokinins and analogs
AU Kaneti, Jose; Karanov, E.
CS Inst. Org. Chem., Sofia, 1113, Bulg.
SO Chem.-Biol. Interact. (1983), 43(1), 73-85
CODEN: CBINA8; ISSN: 0009-2797
DT Journal
LA English

L5 ANSWER 132 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1983:86893 CAPLUS
DN 98:86893
TI Transport and metabolism of 5'-methylthioadenosine in human erythrocytes
AU Carteni-Farina, Maria; Ragione, Fulvio Della; Cacciapuoti, Giovanna; Porcelli, Marina; Zappia, Vincenzo
CS First Med. Sch., Univ. Naples, Naples, 80138, Italy
SO Biochim. Biophys. Acta (1983), 727(2), 221-9
CODEN: BBACAQ; ISSN: 0006-3002
DT Journal
LA English

L5 ANSWER 133 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1982:492306 CAPLUS
DN 97:92306
TI Pyrrolopyrimidines and their use in production of biologically effective substances
IN Jacobi, Haireddin; Roth, Hermann Josef; Eger, Kurt; Pichler, Herbert
PA Troponwerke G.m.b.H. und Co. K.-G., Fed. Rep. Ger.
SO Ger. Offen., 20 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	DE 3036390	A1	19820513	DE 1980-3036390	19800926

L5 ANSWER 134 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1982:406052 CAPLUS
DN 97:6052
TI Regioselective synthesis of the N-monomethyl derivatives of
7-deazahypoxanthine
AU Seela, Frank; Busmann, Werner; Goetze, Andreas
CS Fachber. Naturwiss. II, Univ. Paderborn, Paderborn, D-4790, Fed. Rep. Ger.
SO Liebigs Ann. Chem. (1982), (4), 805-12
CODEN: LACHDL; ISSN: 0170-2041
DT Journal
LA German

L5 ANSWER 135 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1982:79358 CAPLUS
DN 96:79358
TI Phosphorylation and hydrolysis of 7-deazaadenine nucleotides by rat liver
and beef heart mitochondria
AU Petrescu, I.; Lascu, I.; Goia, I.; Markert, M.; Schmidt, F. H.; Deaciuc,
I. V.; Kezdi, M.; Barzu, O.
CS Dep. Biochem., Univ. Cluj-Napoca, Cluj-Napoca, 3400, Rom.
SO Biochemistry (1982), 21(5), 886-93
CODEN: BICHAW; ISSN: 0006-2960
DT Journal
LA English

L5 ANSWER 136 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1982:69352 CAPLUS
DN 96:69352
TI Synthesis of ara tubercidin and its .alpha.-anomer by phase transfer
glycosylation of pyrrolo[2,3-d]pyrimidines
AU Seela, Frank; Winkeler, Heinz Dieter
CS Dep. Chem., Univ. Paderborn, Paderborn, D-4790, Fed. Rep. Ger.
SO Nucleic Acids Symp. Ser. (1981), 9, 107-10
CODEN: NACSD8
DT Journal
LA English

L5 ANSWER 137 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1982:15977 CAPLUS
DN 96:15977
TI Relative activities of cytokinins and antagonists in releasing lateral
buds of Pisum from apical dominance compared with their relative
activities in the regulation of growth of tobacco callus
AU Skoog, F.; Abdul Ghani, A. K. B.
CS Inst. Plant Dev., Univ. Wisconsin, Madison, WI, 53706, USA
SO Metab. Mol. Act. Cytokinins, Proc. Int. Colloq. (1981), Meeting Date 1980,
140-50. Editor(s): Guern, Jean; Peaud-Lenoel, Claude. Publisher:
Springer, Berlin, Fed. Rep. Ger.
CODEN: 46QMA8
DT Conference
LA English

L5 ANSWER 138 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1981:563729 CAPLUS
DN 95:163729
TI Effects of substituted pyrrolo[2,3-d]pyrimidine derivatives on plant
growth
AU Iwamura, Hajime; Ito, Tetsuo; Masuda, Noboru; Mizuno, Akira; Koshimizu,

- Koichi; Kumazawa, Zenzaburo; Nagato, Shoin; Okuda, Shiroh
CS Fac. Agric., Kyoto Univ., Kyoto, 606, Japan
SO Nippon Noyaku Gakkaishi (1981), 6(1), 9-15
CODEN: NNGADV; ISSN: 0385-1559
DT Journal
LA English
- L5 ANSWER 139 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1981:497713 CAPLUS
DN 95:97713
TI The Isomeric 4-amino-N-methylpyrrolo[2,3-d]pyrimidines
AU Seela, Frank; Bussmann, Werner
CS Fachber. Naturwissenschaften II (Org. Chem., Univ. Paderborn, Paderborn, D-4790, Fed. Rep. Ger.
SO Chem. Ber. (1981), 114(6), 2056-63
CODEN: CHBEAM; ISSN: 0009-2940
DT Journal
LA German
- L5 ANSWER 140 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1981:490812 CAPLUS
DN 95:90812
TI Biological activity of the nucleoside analogs: a theoretical study
AU Sanyal, Nitish K.; Roychoudhury, Mihir; Ojha, Rajendra P.
CS Dep. Phys., Univ. Gorakhpur, Gorakhpur, India
SO Int. J. Quantum Chem. (1981), 20(1), 159-66
CODEN: IJQCB2; ISSN: 0020-7608
DT Journal
LA English
- L5 ANSWER 141 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1981:157184 CAPLUS
DN 94:157184
TI Selective 7-glycosidation of 4-amino-7H-pyrrolo[2,3-d]pyrimidine to ara-tubercidin and its .alpha.-anomer
AU Seela, Frank; Winkeler, Heinz Dieter
CS Gesamthochsch., Univ. Paderborn, Paderborn, D-4790, Fed. Rep. Ger.
SO Angew. Chem. (1981), 93(1), 105-6
CODEN: ANCEAD; ISSN: 0044-8249
DT Journal
LA German
- L5 ANSWER 142 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1981:139732 CAPLUS
DN 94:139732
TI Triazolo[4,5-d]pyrimidines. VII. The photochemical transformation of 3-phenyl-3H-1,2,3-triazolo[4,5-d]pyrimidines into 9H-pyrimido[4,5-b]indoles
AU Higashino, Takeo; Hayashi, Eisaku; Matsuda, Hideaki; Katori, Tatsuhiko
CS Shizuoka Coll. Pharm., Shizuoka, 422, Japan
SO Heterocycles (1981), 15(1), 483-7
CODEN: HTCYAM; ISSN: 0385-5414
DT Journal
LA English
- L5 ANSWER 143 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1980:532738 CAPLUS
DN 93:132738

V. Balasubramanian

TI 4-Amino-7-(.beta.-D-arabinofuranosyl)pyrrolo[2,3-d]pyrimidine - the
synthesis of ara tubercidin by phase transfer catalysis
AU Winkeler, Heinz Dieter; Seela, Frank
CS Gesamthochsch., Univ. Paderborn, Paderborn, D-4790, Fed. Rep. Ger.
SO Chem. Ber. (1980), 113(6), 2069-80
CODEN: CHBEAM; ISSN: 0009-2940
DT Journal
LA German

L5 ANSWER 144 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1980:123922 CAPLUS
DN 92:123922
TI Purine phosphoribosyltransferases from Leishmania donovani
AU Tuttle, Joel V.; Krenitsky, Thomas A.
CS Wellcome Res. Lab., Research Triangle Park, NC, 27709, USA
SO J. Biol. Chem. (1980), 255(3), 909-16
CODEN: JBCHA3; ISSN: 0021-9258
DT Journal
LA English

L5 ANSWER 145 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1980:111257 CAPLUS
DN 92:111257
TI Ribosidation of 7H-pyrrolo[2,3-d]pyrimidin-4(3H)-one at N-3
AU Luepke, Uwe; Seela, Frank
CS Gesamthochsch., Univ. Paderborn, Paderborn, D-4790, Fed. Rep. Ger.
SO Chem. Ber. (1979), 112(10), 3526-9
CODEN: CHBEAM; ISSN: 0009-2940
DT Journal
LA German

L5 ANSWER 146 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1978:563540 CAPLUS
DN 89:163540
TI Aminomethylation of 3,7-dihydropyrrolo[2,3-d]pyrimidines at C-5 - a method
for the synthesis of aglycon analogs of nucleoside "Q"
AU Seela, Frank; Richter, Raimund
CS Gesamthochsch., Univ. Paderborn, Paderborn, Ger.
SO Chem. Ber. (1978), 111(8), 2925-30
CODEN: CHBEAM; ISSN: 0009-2940
DT Journal
LA German

L5 ANSWER 147 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1977:182968 CAPLUS
DN 86:182968
TI Inhibitors of hypoxanthine metabolism in Ehrlich ascites tumor cells in
vitro
AU Smith, Camilla M.; Zombor, George; Henderson, J. Frank
CS Cancer Res. Unit, Univ. Alberta, Edmonton, Alberta, Can.
SO Cancer Treat. Rep. (1976), 60(10), 1567-84
CODEN: CTRRDO
DT Journal
LA English

L5 ANSWER 148 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1977:72692 CAPLUS
DN 86:72692

V. Balasubramanian

TI 4-Substituted amino-2-substituted thiopyrrolo[2,3-d]pyrimidine derivatives
IN Skoog, Folke; Schmitz, Ruth Y.; Hecht, Sidney M.; Frye, Robert B.
PA Wisconsin Alumni Research Foundation, USA
SO U.S., 8 pp.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	US 3988338	A	19761026	US 1974-463739	19740424

L5 ANSWER 149 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1977:43488 CAPLUS

DN 86:43488

TI Reaction of .alpha.-cyano-.gamma.-halocrotononitriles with amines

AU Gewald, K.; Hentschel, M.

CS Sekt. Chem., Tech. Univ. Dresden, Dresden, E. Ger.

SO J. Prakt. Chem. (1976), 318(4), 663-70

CODEN: JPCEAO

DT Journal

LA German

L5 ANSWER 150 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1977:994 CAPLUS

DN 86:994

TI Effect of 4-substituted pyrrolo[2,3-d]pyrimidines on the tobacco callus growth

AU Iwamura, Hajime; Kurimoto, Masahiro; Matsubara, Satoshi; Ogawa, Yukiyo; Koshimizu, Koichi; Kumazawa, Zenzaburo

CS Dep. Food Sci. Technol., Kyoto Univ., Kyoto, Japan

SO Agric. Biol. Chem. (1976), 40(9), 1885-6

CODEN: ABCHA6

DT Journal

LA English

L5 ANSWER 151 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1976:13408 CAPLUS

DN 84:13408

TI Anticytokinin activity of substituted pyrrolo[2,3-d]pyrimidines

AU Skoog, Folke; Schmitz, Ruth Y.; Hecht, Sidney M.; Frye, R. Bruce

CS Inst. Plant Dev., Univ. Wisconsin, Madison, Wis., USA

SO Proc. Natl. Acad. Sci. U. S. A. (1975), 72(9), 3508-12

CODEN: PNASA6

DT Journal

LA English

L5 ANSWER 152 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1975:589243 CAPLUS

DN 83:189243

TI Activation of cytokinins

AU Hecht, Sidney M.; Frye, R. Bruce; Werner, Dieter; Hawrelak, S. D.

CS Dep. Chem., Massachusetts Inst. Technol., Cambridge, Mass., USA

SO J. Biol. Chem. (1975), 250(18), 7343-51

CODEN: JBCHA3

DT Journal

LA English

- L5 ANSWER 153 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1975:530758 CAPLUS
DN 83:130758
TI Carbon-13 magnetic resonance. XXV. Basic set of parameters for the investigation of tautomerism in purines established from carbon-13 magnetic resonance studies using certain purines and pyrrolo[2,3-d]pyrimidines
AU Chenon, Marie T.; Pugmire, Ronald J.; Grant, David M.; Panzica, Raymond P.; Townsend, Leroy B.
CS Lab. Chim. Phys., CNRS, Thiais, Fr.
SO J. Am. Chem. Soc. (1975), 97(16), 4627-36
CODEN: JACSAT
DT Journal
LA English
- L5 ANSWER 154 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1975:455161 CAPLUS
DN 83:55161
TI Trans-N-deoxyribosylase. Substrate specificity studies. Purine bases as acceptors
AU Holguin, Jose; Cardinaud, Robert; Salemink, C. A.
CS Serv. Biophys., CEN Saclay, Gif-sur-Yvette, Fr.
SO Eur. J. Biochem. (1975), 54(2), 515-20
CODEN: EJBACI
DT Journal
LA English
- L5 ANSWER 155 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1974:413457 CAPLUS
DN 81:13457
TI Condensation of 2-(acetylamino)cyclohexanone with malonic acid dinitrile
AU Shvedov, V. I.; Mezentseva, M. V.; Altukhova, L. B.; Grinev, A. N.
CS Vses. Nauchno-Issled. Khim.-Farm. Inst. im. Ordzhonikidze, Moscow, USSR
SO Khim. Geterotsikl. Soedin. (1974), (3), 380-2
CODEN: KGSSAQ
DT Journal
LA Russian
- L5 ANSWER 156 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1974:45121 CAPLUS
DN 80:45121
TI Activity of tubercidin, toyocomycin, and sangivamycin 3',5'-cyclic phosphates and related compounds with some enzymes of adenosine 3',5'-cyclic phosphate metabolism
AU Miller, Jon P.; Boswell, Kay H.; Muneyama, Kei; Tolman, Richard L.; Scholten, Mieka B.; Robins, Roland K.; Simon, Lionel N.; Shuman, Dennis A.
CS Nucleic Acid Res. Inst., ICN Pharm., Inc., Irvine, Calif., USA
SO Biochem. Biophys. Res. Commun. (1973), 55(3), 843-9
CODEN: BBRC9
DT Journal
LA English
- L5 ANSWER 157 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1973:466770 CAPLUS
DN 79:66770
TI Substances with antineoplastic activity. LIII. N. (.delta.-(4-pyrrolo[2,3-d]pyrimidinylthio)valeryl) amino acids and analogous derivatives of di- and triglycine

V. Balasubramanian

AU Kotva, R.; Cerny, A.; Semonsky, M.
CS Vyzk. Ustav Farm. Biochem., Prague, Czech.
SO Collect. Czech. Chem. Commun. (1973), 38(5), 1438-44
CODEN: CCCCAK
DT Journal
LA English

L5 ANSWER 158 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1973:107162 CAPLUS
DN 78:107162
TI Possible way of searching for potential mutagens and cytostatics based on calculation of the intramolecular interaction energy of DNA containing analogs of nitrogenous bases
AU Sukhorukov, B. I.; Poltev, V. I.; Polozov, R. V.; Il'icheva, I. A.
CS Inst. Biol. Fiz., Pushchino-on-Oka, USSR
SO Dokl. Akad. Nauk SSSR (1973), 208(2), 443-6 [Biophys]
CODEN: DANKAS
DT Journal
LA Russian

L5 ANSWER 159 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1972:461942 CAPLUS
DN 77:61942
TI Condensation of hydrazine on 4-chloro-5-acetonylpyrimidines. Formation of 7-aminopyrrolo[2,3-d]pyrimidines and 1,4-dihydropyrimidino[4,5-c]pyridazines
AU Bisagni, Emile; Marquet, Jean Pierre; Andre-Louisfert, Jeannine
CS Fond, Curie, Inst. Radium, Paris, Fr.
SO Bull. Soc. Chim. Fr. (1972), (4), 1483-90
CODEN: BSCFAS
DT Journal
LA French

L5 ANSWER 160 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1972:126924 CAPLUS
DN 76:126924
TI New series of purine analogs with antimitotic action. Structure activity relations
AU Marquet, Jean P.; Montagnier, Luc; Gruest, Jacqueline; Bourzat, Jean D.; Andre-Louisfert, Jeannine; Bisagni, Emile
CS Inst. Radium-Biol., Fac. Sci., Orsay, Fr.
SO Chim. Ther. (1971), 6(6), 427-38
CODEN: CHTPBA
DT Journal
LA French

L5 ANSWER 161 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1971:436109 CAPLUS
DN 75:36109
TI Antiviral diazacarbazoles
IN Webb, Godfrey B.; Gregory, Gordon I.; Cocker, John D.
PA Glaxo Laboratories Ltd.
SO S. African, 38 pp.
CODEN: SFXXAB
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI ZA 6902227 19700928
PRAI GB 19680329

L5 ANSWER 162 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1971:415469 CAPLUS
DN 75:15469
TI Existence of nonfunctional active sites in milk xanthine oxidase; reaction with functional active site inhibitors
AU Massey, Vincent; Komai, Hirochika; Palmer, Graham; Elion, Gertrude B.
CS Dep. Biol. Chem., Univ. Michigan, Ann Arbor, Mich., USA
SO Vitam. Horm. (New York) (1970), 28, 505-31
CODEN: VIHOAQ
DT Journal
LA English

L5 ANSWER 163 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1970:484121 CAPLUS
DN 73:84121
TI Specificities of transport systems and enzymes
AU Berlin, Richard D.
CS Harvard Med. Sch., Boston, Mass., USA
SO Science (1970), 168(3939), 1539-45
CODEN: SCIEAS
DT Journal
LA English

L5 ANSWER 164 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1970:117937 CAPLUS
DN 72:117937
TI Binding of adenine to adenine phosphoribosyltransferase
AU Gadd, R. E. A.; Henderson, Joseph Frank
CS Cancer Res. Unit, Univ. Alberta, Edmonton, Alberta, Can.
SO Can. J. Biochem. (1970), 48(3), 295-301
CODEN: CJBIAE
DT Journal
LA English

L5 ANSWER 165 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1970:107323 CAPLUS
DN 72:107323
TI Actions of purine analogs: enzymes specificity studies as a basis for interpretation and design
AU Elion, Gertrude B.
CS Wellcome Res. Lab., Burroughs Wellcome and Co., Inc., Tuckahoe, N. Y., USA
SO Cancer Res. (1969), 29(12), 2448-53
CODEN: CNREA8
DT Journal
LA English

L5 ANSWER 166 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1970:100748 CAPLUS
DN 72:100748
TI Antiviral 1,3- and 1,8-diazacarbazoles
IN Webb, Godfrey B.; Gregory, Gordon I.; Cocker, John D.
PA Glaxo Laboratories Ltd.
SO Ger. Offen., 39 pp.
CODEN: GWXXBX

V. Balasubramanian

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 1916011	A	19700305	DE 1969-1916011	19690328
	GB 1262864	A	19720209	GB 1968-15328	19680329
	NL 6904815	A	19691001	NL 1969-4815	19690328
	FR 2005118	A5	19691205	FR 1969-9437	19690328
	CH 549039	A	19740515	CH 1969-4755	19690328
PRAI	GB 1968-15328		19680329		

L5 ANSWER 167 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1970:55489 CAPLUS

DN 72:55489

TI Azacarbazoles

IN Clark, Victor Malcolm C.; Gregory, Gordon I.; Cocker, John D.

PA Glaxo Laboratories Ltd.

SO Ger., Offen., 33 pp.

CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 1916050	A	19691016	DE 1969-1916050	19690328
	GB 1264621	A	19720223	GB 1968-15327	19680329
	NL 6904811	A	19691001	NL 1969-4811	19690328
	FR 2005117	A5	19691205	FR 1969-9436	19690328
	US 3560361	A	19710202	US 1969-811646	19690328
	CH 551991	A	19740731	CH 1969-4754	19690328
PRAI	GB 1968-15327		19680329		

L5 ANSWER 168 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1969:477619 CAPLUS

DN 71:77619

TI Adenine phosphoribosyltransferase from monkey liver. Specificity and properties

AU Krenitsky, Thomas A.; Neil, Shannon M.; Elion, Gertrude B.; Hitchings, George H.

CS Wellcome Res. Lab., Burroughs Wellcome and Co., Inc., Tuckahoe, N. Y., USA

SO J. Biol. Chem. (1969), 244(17), 4779-84

CODEN: JBCHA3

DT Journal

LA English

L5 ANSWER 169 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1969:413308 CAPLUS

DN 71:13308

TI Pyrrolopyrimidine nucleosides. III. Total synthesis of toyocamycin, sangivamycin, tubercidin, and related derivatives

AU Tolman, Richard L.; Robins, Roland K.; Townsend, Leroy B.

CS Univ. of Utah, Salt Lake City, Utah, USA

SO J. Amer. Chem. Soc. (1969), 91(8), 2102-8

CODEN: JACSAT

DT Journal

LA English

V. Balasubramanian

L5 ANSWER 170 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1969:115114 CAPLUS
DN 70:115114
TI Study of electrophilic substitution in the pyrrolo[2,3-d]pyrimidine ring
AU Gerster, John F.; Hinshaw, Barbara C.; Robins, Roland K.; Townsend, Leroy B.
CS Univ. of Utah, Salt Lake City, Utah, USA
SO J. Heterocycl. Chem. (1969), 6(2), 207-13
CODEN: JHTCAD
DT Journal
LA English

L5 ANSWER 171 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1968:105143 CAPLUS
DN 68:105143
TI Synthesis of indolo[2,3-d]pyrimidines
AU Glushkov, R. G.; Volskova, V. A.; Magidson, O. Yu.
CS Vses. Nauch.-Issled. Khim.-Fatsevt. inst. im. Ordzhonikidze, Moscow, USSR
SO Khim.-Farm. Zh. (1967), 1(9), 25-32
CODEN: KHFZAN
DT Journal
LA Russian

L5 ANSWER 172 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1968:78540 CAPLUS
DN 68:78540
TI Pyrrolo[2,3-d]pyrimidine nucleoside antibiotics. Total synthesis and structure of toyocamycin, unamycin B, vengicide, antibiotic E-212, and sangivamycin (BA-90912)
AU Tolman, Richard L.; Robins, Roland K.; Townsend, Leroy B.
CS Univ. of Utah, Salt Lake City, Utah, USA
SO J. Am. Chem. Soc. (1968), 90(2), 524-6
CODEN: JACSAT
DT Journal
LA English

L5 ANSWER 173 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1968:73300 CAPLUS
DN 68:73300
TI Structure and properties of the condensation product of 2-amino-3-ethoxycarbonyl-1-azaazulene and formamide
AU Nozoe, Tetsuo; Seto, Shuichi; Toda, Takashi
CS Tohoku Univ., Tohoku, Japan
SO Bull. Chem. Soc. Jpn. (1968), 41(1), 208-11
CODEN: BCSJA8
DT Journal
LA English

L5 ANSWER 174 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1967:454383 CAPLUS
DN 67:454383
TI Pyrrolopyrimidine nucleosides. II. Total synthesis of 7-B-D-ribofuranosylpyrrolo[2,3-d]pyrimidines related to toyocamycin
AU Tolman, Richard L.; Robins, Roland K.; Townsend, Leroy B.
CS Univ. of Utah, Salt Lake City, Utah, USA
SO J. Heterocycl. Chem. (1967), 4(2), 230-8
CODEN: JHTCAD
DT Journal

V. Balasubramanian

LA English

L5 ANSWER 175 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1967:408896 CAPLUS

DN 67:8896

TI The biosynthesis of the 7-deazaadenine ribonucleoside, tubercidin, by
Streptomyces tubercidicus

AU Smulson, Mark E.; Suhadolnik, Robert J.

CS Albert Einstein Med. Center, Philadelphia, Pa., USA

SO J. Cell Biol. (1967), 242(12), 2872-6

CODEN: JCLBA3

DT Journal

LA English

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FULL ESTIMATED COST

151.94

278.99

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